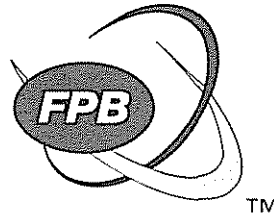


Warner J. Caines
General Manager



Frankfort Plant Board TM

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February 2, 2009

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PUBLIC SERVICE
COMMISSION

Ms. Stephanie Stumbo
Executive Director
Kentucky Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Re: Case No. 2008-00250

Dear Ms. Stumbo:

Enclosed for filing please find an original and six copies of Frankfort Plant Board's Response to the Commission's Third Set of Information Requests.

I appreciate your assistance. If you have any questions, please contact me at (502) 352-4541 or hprice@fewpb.com.

Sincerely,

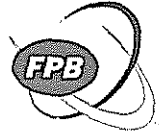
Hance Price
Staff Attorney

HP/mw
cc: Parties of Record

Equal Opportunity/Affirmative Action Employer

317 West Second Street (P.O. Box 308) Frankfort, Kentucky 40602 Phone (502) 352-4372
Fax (502) 223-3887 www.fpb.cc

VOLUME 1 OF 1
Response to PSC
PSC Case No. 2008-00250
Data Request Date: 2/2/09



Frankfort Plant Board

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COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

FEB 02 2009

PUBLIC SERVICE
COMMISSION

In the Matter of:

THE PROPOSED ADJUSTMENT OF THE)
WHOLESALE WATER SERVICE RATES OF)
THE FRANKFORT ELECTRIC AND WATER) CASE NO. 2008-00250
PLANT BOARD)

RESPONSE TO COMMISSION STAFF'S THIRD SET OF INFORMATION
REQUESTS TO FRANKFORT ELECTRIC AND WATER PLANT BOARD

1. Complete the table below.
Witness (es): Herbbie Bannister, David Billings, and Paul Herbert
Response: Attached
2. If the Plant Board has any water lines that have different sizes than the sizes listed in the table above, provide the feet, miles of line, and inch miles for each of those sizes within the categories of its total system and jointly used lines.
Witness (es): Herbbie Bannister, David Billings, and Paul Herbert
Response: Attached
3. Provide all hydraulic analysis models, maps, and other documents that support the calculation of miles of line used to serve the Plant Board's wholesale customers.
Witness (es): Herbbie Bannister, David Billings, and Paul Herbert
Response: Attached
4. Refer to the Plant Board's Response to Item 12(a) of the Commission's Order of July 2, 2008 and the supplemental information provided in the table above.

- a. Provide the costs associated with distribution lines that are used to serve only retail customers. Explain in detail and show all calculations.
- b. State the wholesale rate that would result if costs associated with distribution lines that do not serve the wholesale customers were excluded from the calculation of the wholesale rate. Explain how the Plant Board derives this rate, state all assumptions used, and show all calculations.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

5. Refer to the Plant Board's Response to Item 12(b) of the Commission's Order of July 2, 2008. State whether all capital costs should be allocated to the wholesale rate of customers that shared in the cost to extend the existing system. Explain.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

6. The Commission has stated previously that costs associated with distribution lines should not be allocated to wholesale customers.¹ Explain in detail the Plant Board's position regarding the allocation of costs related to distribution lines to wholesale customers.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

7. State whether the Plant Board's cost-of-service study takes into consideration the shared cost to extend distribution mains. If yes, state where in the study these calculations are found and explain. If no, explain why the study does not take into consideration the shared cost to extend distribution mains.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

8. Explain why the Plant Board's proposed allocation of costs for storage to wholesale customers is reasonable.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

9. State the amount of costs associated with storage that is allocated to the wholesale customer.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

10. The Kentucky River Authority charges all utilities that withdraw water from the Kentucky River a fee based on the volume of water withdrawn. Describe how the Plant Board characterizes the Kentucky River Authority fee (e.g., expense, tax, or some other factor). Explain.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

11. The Plant Board currently assesses a separate rate to wholesale customers to recover the Kentucky River Authority withdrawal fee. Explain why this fee should not be eliminated and costs related to the Kentucky River Authority withdrawal fee be included in the Plant Board's wholesale rate.

Witness (es): Herbbie Bannister, David Billings, and Paul Herbert

Response: Attached

CERTIFICATION

I, Hance Price, certify that I am the attorney supervising the preparation of these Responses on behalf of the Frankfort Electric and Water Plant Board and that the Responses and attachments thereto are true and accurate to the best of my knowledge, information and belief formed after reasonable inquiry.

Hance Price
Hance Price

Submitted By:

John N. Hughes of Hance Price
John N. Hughes
124 West Todd Street
Frankfort, Kentucky 40601

Hance Price
Hance Price
317 West Second Street
Frankfort, Kentucky 40601

Attorneys for Frankfort Electric and
Water Plant Board

This the 2nd day of February, 2008.

CERTIFICATE OF SERVICE

I, Hance Price, certify that on the 2nd day of February, _____ 2009 a copy of FPB's Response to the Commission Staff's Third Set of Information Requests to Frankfort Plant Board was served by mail to Honorable Thomas A. Marshall, Attorney at Law, 212 Washington Street, P.O. Box 223, Frankfort, KY 40602, Honorable Donald T. Prather, Mathis, Riggs & Prather, P.S.C. Attorneys at Law, 500 Main Street, Suite 5, Shelbyville, KY 40065 and an original and six copies to Ms. Stephanie Stumbo, Executive Director, Kentucky Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, KY 40602-0615.

Hance Price

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 1

Frankfort Electric and Water Plant Board
 Response to Third Set of Information Requests to Frankfort Plant Board
 Case No. 2008-00250

ITEM 1: Complete the table below.

Response:

Main	Total System			Jointly Used	
	Feet	Miles of line	Inch Miles	Miles of line	Inch Miles
48	3180.87	0.59	28.32	0.59	28.32
42	553.00	0.10	4.20	0.10	4.20
36	5366.01	1.01	36.36	1.01	36.36
30	3350.23	0.63	18.90	0.63	18.90
24	41206.41	7.80	187.30	7.72	185.28
20	48331.57	9.15	183.07	9.01	180.20
18	137.56	0.03	0.47	0.00	0.00
16	55797.41	10.57	169.08	10.53	168.48
14	15186.59	2.88	40.27	2.80	39.20
12	195869.96	37.10	445.16	30.86	370.32
10	6115.40	1.16	11.60	1.16	11.60
8	313146.56	59.31	474.46	37.09	296.72
6	695636.37	131.75	790.50	59.66	357.96
4	157979.20	29.92	119.68	3.89	15.56
3	50483.59	9.56	28.68	0.42	1.26
2.25	79415.79	15.04	33.84	0.89	2.00
2	57685.30	10.93	21.85	0.00	0.00
>2	18107.48	3.43		0.00	0.00

This table was modified to include all of Frankfort Plant Board's pipe diameters. It is a comprehensive listing.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 2

Frankfort Electric and Water Plant Board
 Response to Third Set of Information Requests to Frankfort Plant Board
 Case No. 2008-00250

ITEM 2: If the Plant Board has any water lines that have different sizes than the sizes listed in the table above, provide the fee, miles of line, and inch miles for each of those sizes within the categories of its total system and jointly used lines.

Response:

Main	Total System			Jointly Used	
	Feet	Miles of line	Inch Miles	Miles of line	Inch Miles
48	3180.87	0.59	28.32	0.59	28.32
42	553.00	0.10	4.20	0.10	4.20
36	5366.01	1.01	36.36	1.01	36.36
30	3350.23	0.63	18.90	0.63	18.90
24	41206.41	7.80	187.30	7.72	185.28
20	48331.57	9.15	183.07	9.01	180.20
18	137.56	0.03	0.47	0.00	0.00
16	55797.41	10.57	169.08	10.53	168.48
14	15186.59	2.88	40.27	2.80	39.20
12	195869.96	37.10	445.16	30.86	370.32
10	6115.40	1.16	11.60	1.16	11.60
8	313146.56	59.31	474.46	37.09	296.72
6	695636.37	131.75	790.50	59.66	357.96
4	157979.20	29.92	119.68	3.89	15.56
3	50483.59	9.56	28.68	0.42	1.26
2.25	79415.79	15.04	33.84	0.89	2.00
2	57685.30	10.93	21.85	0.00	0.00
>2	18107.48	3.43		0.00	0.00

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 3

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 3: Provide all hydraulic analysis models, maps, and other documents that support the calculation of miles of line used to serve the Plant Board's wholesale customers.

Response: Frankfort Plant Board utilized KYPIPE, a hydraulic modeling program, to calculate the miles of line jointly used to serve the wholesale customers. Frankfort Plant Board first reviewed known pump rates and consumption data for wholesale customers to determine demands to be utilized in the model. If a known pump rate was available, that rate was utilized in the model. If a known pump rate was not available, monthly consumption data for the test year was averaged, converted to gallons per minute, and then multiplied by an appropriate peaking factor to determine the demand used in the model. Wholesale customer demands and their respective locations are contained in Exhibit 4.

Next, the wholesale customer demand was input into KYPIPE. The parameters of the model were then set to exclude all demands except those of wholesale customers contained in Exhibit 4. KYPIPE was executed with the Frankfort Plant Board's pumps in operation. The results from the model run are contained in Exhibit 2.

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

Next, the pipe data from Exhibit 2 was sorted by flow in ascending order. Lines with a flow rate of less than three (3) gallons per minute were excluded from the list since three (3) gallons per minute is the lowest wholesale customer demand identified in Exhibit 4. The remaining list of pipes was then sorted by size and the lengths of same-sized pipes determined. The sorted list of pipes jointly used to serve wholesale customer is contained in Exhibit 1 and was the basis for the chart provided in response to Item 2. Finally, these lines are depicted in, Exhibit 5, an updated system map.

Frankfort Plant Board also utilized KYPIPE in order to demonstrate the proposed allocation of costs for storage to wholesale customers is reasonable. A second model run was executed with Frankfort Plant Board's pumps not in operation. The results of this model run are contained in Exhibit 3. Specifically, the summary of inflows and outflows on sheet 80 of 80 indicate that all the wholesale customer demand (4647 gallons per minute collectively) was provided by every storage facility with the exception of Rose Tank when FPB pumps are not running. Additionally, all customers, not just wholesale customers, would not be capable of receiving

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

pressure or flow without storage facilities when distribution pumps
are off or out of service.

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

Name	Length	Miles	Diameter	Result	Flow Rate (gpm)
P-2358	305.68		2.25	28.5	28.5
P-2364	255.82		2.25	-28.5	28.5
P-2365	112.37		2.25	-28.5	28.5
		0.13			
P-1788	893.95		2.3	3.6	3.6
P-2086	520.19		2.3	-3.6	3.6
P-1981	462.27		2.3	5.3	5.3
P-1867	307.64		2.3	-6.2	6.2
P-1869	238.19		2.3	-6.2	6.2
P-1638	529.95		2.3	-7.3	7.3
P-1544	296.32		2.3	-8	8
P-1796	558.73		2.3	8.4	8.4
P-1546	224.97		2.3	-9.3	9.3
		0.76			
P-1704	797.91		3	-6.9	6.9
P-1211	1174.16		3	13.6	13.6
P-2360	259.41		3	28.5	28.5
		0.42			
P-790	254.73		4	-7	7
P-1175	28.64		4	7.9	7.9
P-1176	28.64		4	-7.9	7.9
P-1892	249.26		4	-13	13
P-1179	576.02		4	-15.6	15.6
P-1243	549.35		4	-15.6	15.6
P-2160	655.31		4	18.3	18.3
P-1177	823.23		4	-18.4	18.4
P-1180	26.43		4	-20.4	20.4
P-1810	840.92		4	-20.9	20.9
P-1699	710		4	-23.4	23.4
P-1567	966.35		4	25.3	25.3
P-1138	2511.09		4	-38.5	38.5
P-1304	515.54		4	40	40
P-1303	519.06		4	-50	50
P-1580	454.1		4	-50	50
P-1165	8622.42		4	52.9	52.9
P-1171	2055.98		4	-52.9	52.9
P-1173	175.09		4	-52.9	52.9
		3.89			
P-208	763.23		6	-3	3
P-210	2095.87		6	-3	3
P-768	680.73		6	3.1	3.1
P-389	906.26		6	-3.3	3.3
P-616	314.46		6	-3.3	3.3
P-574	16.2		6	3.4	3.4
P-626	272.26		6	3.4	3.4
P-607	365.31		6	3.5	3.5
P-2029	35.25		6	-3.6	3.6
P-638	439.79		6	3.6	3.6
P-1524	122.67		6	-3.7	3.7
P-377	690.66		6	-3.7	3.7
P-1023	978.14		6	-4.2	4.2

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1026	815.95	6	-4.4	4.4
P-2017	291.98	6	4.4	4.4
P-2417	425.85	6	4.4	4.4
P-2419	301.4	6	4.4	4.4
P-2421	867.45	6	4.4	4.4
P-274	892.93	6	4.4	4.4
P-2047	772.23	6	4.5	4.5
P-2049	157.47	6	4.5	4.5
P-1615	1325.64	6	4.6	4.6
P-1789	1019.42	6	-4.6	4.6
P-2042	720.15	6	4.6	4.6
P-1727	296.24	6	-5	5
P-1729	413.79	6	-5	5
P-2046	323.99	6	5	5
P-2405	553.25	6	-5	5
P-288	2702.72	6	-5.1	5.1
P-762	915.24	6	5.1	5.1
P-1990	272.53	6	-5.4	5.4
P-2305	534.84	6	5.5	5.5
P-2314	401.05	6	5.5	5.5
P-2311	451.52	6	5.6	5.6
P-2381	410.26	6	5.6	5.6
P-388	246.84	6	5.6	5.6
P-347	702.64	6	-5.8	5.8
P-619	272.33	6	5.8	5.8
P-1262	16.66	6	6.1	6.1
P-2050	301.46	6	-6.1	6.1
P-1871	269.69	6	6.2	6.2
P-1029	294.55	6	-6.6	6.6
P-633	19.56	6	-6.6	6.6
P-1688	114.99	6	6.9	6.9
P-1700	1221.76	6	-6.9	6.9
P-2044	857.04	6	-6.9	6.9
P-2312	230.44	6	-6.9	6.9
P-601	499.02	6	7	7
P-665	1019.32	6	7	7
P-791	814.87	6	-7	7
P-1348	833.23	6	7.3	7.3
P-1350	263.39	6	-7.3	7.3
P-2253	1104.19	6	7.3	7.3
P-1019	697.03	6	-7.4	7.4
P-1021	948.21	6	-7.4	7.4
P-793	1091.04	6	7.4	7.4
P-1263	105.59	6	-7.5	7.5
P-1265	288.07	6	-7.5	7.5
P-1267	108.5	6	-7.5	7.5
P-2302	334.99	6	-7.5	7.5
P-839	146.98	6	-7.5	7.5
P-1891	703.33	6	7.8	7.8
P-2378	545.42	6	7.8	7.8
P-624	224.39	6	7.8	7.8
P-640	521.87	6	7.8	7.8

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-533	1367.32	6	-7.9	7.9
P-2045	312.31	6	-8	8
P-1266	569.01	6	8.2	8.2
P-1790	322.11	6	-8.2	8.2
P-2060	618.98	6	8.5	8.5
P-529	448.6	6	9	9
P-1035	749.21	6	-9.1	9.1
P-1569	765.76	6	-9.2	9.2
P-688	21.17	6	-9.2	9.2
P-764	301.29	6	-9.2	9.2
P-2064	965.2	6	9.5	9.5
P-374	1232.29	6	9.6	9.6
P-1307	817.12	6	-9.9	9.9
P-587	486.05	6	10	10
P-2308	612.42	6	-10.2	10.2
P-769	926.92	6	-10.3	10.3
P-2051	742.3	6	10.7	10.7
P-2057	722.29	6	10.7	10.7
P-666	462.24	6	-10.7	10.7
P-380	1025.12	6	11	11
P-799	993.61	6	-11.1	11.1
P-2415	621.44	6	-11.2	11.2
P-618	31.29	6	-11.5	11.5
P-1032	319.59	6	-11.7	11.7
P-1844	983.73	6	11.7	11.7
P-1843	324.35	6	11.8	11.8
P-1855	1351.91	6	-11.8	11.8
P-825	305.96	6	11.8	11.8
P-827	511.86	6	11.8	11.8
P-604	547.77	6	11.9	11.9
P-1586	190.67	6	12	12
P-363	857.88	6	12.1	12.1
P-722	976.33	6	-12.1	12.1
P-1358	415.25	6	-12.3	12.3
P-366	318.52	6	12.3	12.3
P-1392	3261.11	6	12.5	12.5
P-2307	354.23	6	-12.5	12.5
P-407	5294.59	6	12.8	12.8
P-649	462.47	6	12.8	12.8
P-1535	430.91	6	13	13
P-1896	288.31	6	-13	13
P-1900	992.49	6	-13	13
P-2009	24.24	6	-13.3	13.3
P-1549	327.02	6	-13.4	13.4
P-1588	653.77	6	-13.4	13.4
P-1591	1082.49	6	13.4	13.4
P-648	451.53	6	-13.4	13.4
P-652	463.6	6	13.4	13.4
P-1209	62.35	6	13.6	13.6
P-1215	232.91	6	13.6	13.6
P-608	553.38	6	-13.8	13.8
P-610	372.52	6	-13.8	13.8

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-2039	308.74	6	-13.9	13.9
P-2299	872.88	6	-13.9	13.9
P-344	140.39	6	13.9	13.9
P-1383	40.95	6	14	14
P-432	739.46	6	-14	14
P-797	924.5	6	-14	14
P-1560	281.33	6	-14.1	14.1
P-663	480.69	6	-14.1	14.1
P-672	522.67	6	14.1	14.1
P-765	365.2	6	14.2	14.2
P-789	863.26	6	-14.4	14.4
P-301	1280.33	6	14.5	14.5
P-2247	253.52	6	14.6	14.6
P-2248	260.34	6	14.6	14.6
P-2249	396.1	6	14.6	14.6
P-410	793.41	6	14.6	14.6
P-657	452.54	6	14.6	14.6
P-878	274.38	6	14.7	14.7
P-537	240.23	6	15.1	15.1
P-540	226.49	6	15.1	15.1
P-542	466.59	6	-15.1	15.1
P-1537	787.12	6	-15.4	15.4
P-2000	288.05	6	-15.4	15.4
P-2004	278.87	6	-15.4	15.4
P-2007	297.27	6	-15.4	15.4
P-340	1901.76	6	15.4	15.4
P-606	733.74	6	15.4	15.4
P-1036	321.03	6	15.5	15.5
P-1991	420.54	6	15.5	15.5
P-368	1438.79	6	15.5	15.5
P-996	1456.9	6	15.7	15.7
P-361	796.22	6	15.8	15.8
P-794	405.42	6	15.8	15.8
P-617	316.61	6	-16	16
P-602	105.98	6	-16.3	16.3
P-690	449.7	6	16.5	16.5
P-2348	355.7	6	16.9	16.9
P-577	1691.06	6	16.9	16.9
P-1550	470.3	6	-17.2	17.2
P-605	238.71	6	-17.3	17.3
P-660	476.9	6	17.7	17.7
P-664	475.34	6	17.7	17.7
P-283	1462.04	6	18.3	18.3
P-329	219.34	6	-18.3	18.3
P-1980	1308.17	6	-18.7	18.7
P-424	1287	6	18.9	18.9
P-302	759.23	6	-19.2	19.2
P-643	917.16	6	19.2	19.2
P-1186	289.9	6	19.3	19.3
P-1188	242.73	6	19.3	19.3
P-1190	283.59	6	19.3	19.3
P-1192	287.19	6	19.3	19.3

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-379	271.19		6	19.3	19.3
P-614	601.71		6	-19.3	19.3
P-2014	457		6	-19.5	19.5
P-2018	283.03		6	-19.5	19.5
P-280	576.23		6	19.7	19.7
P-343	90.37		6	19.7	19.7
P-346	104.21		6	-19.7	19.7
P-1041	291.81		6	19.9	19.9
P-536	475.02		6	20.2	20.2
P-625	1858.83		6	20.3	20.3
P-687	460.17		6	-20.5	20.5
P-2065	449.12		6	-20.7	20.7
P-1703	664.94		6	-20.9	20.9
P-359	692.64		6	21.2	21.2
P-2022	323.69		6	-21.4	21.4
P-620	218.65		6	-21.8	21.8
P-1548	1090.77		6	22	22
P-2063	307.45		6	-22.3	22.3
P-2059	312.48		6	-22.4	22.4
P-1042	1112.92		6	22.5	22.5
P-2300	216.49		6	-22.8	22.8
P-2080	1019.98		6	23.1	23.1
P-267	1256.21		6	23.2	23.2
P-268	38.65		6	23.2	23.2
P-802	155.98		6	23.2	23.2
P-603	485.9		6	23.3	23.3
P-621	248.88		6	23.3	23.3
P-1849	566.19		6	23.5	23.5
P-1854	170.03		6	23.5	23.5
P-2395	912.55		6	-23.7	23.7
P-290	270.27		6	-23.7	23.7
P-644	438.2		6	23.8	23.8
P-1845	1037.56		6	24	24
P-2016	306.74		6	-24	24
P-2053	861.01		6	-24	24
P-695	463.84		6	-24	24
P-438	735.51		6	-24.1	24.1
P-724	426.13		6	24.3	24.3
P-365	638.93		6	24.4	24.4
P-645	443.03		6	-24.5	24.5
P-1037	253.88		6	-24.6	24.6
P-636	625.01		6	24.6	24.6
P-770	256.56		6	-24.6	24.6
P-2012	379.83		6	24.8	24.8
P-1584	1163.51		6	25.4	25.4
P-372	196.73		6	-25.8	25.8
P-2036	338.29		6	-25.9	25.9
P-686	904.08		6	26	26
P-2361	1824.66		6	-26.2	26.2
P-416	561.85		6	26.3	26.3
P-418	335.97		6	26.3	26.3
P-1545	684.53		6	-26.5	26.5

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-692	451.06	6	-26.8	26.8
P-2041	281.32	6	-26.9	26.9
P-2011	286.73	6	-27	27
P-358	727.78	6	27.2	27.2
P-771	559.17	6	27.7	27.7
P-1039	292.24	6	28.2	28.2
P-284	884.96	6	-28.4	28.4
P-661	474.71	6	-28.4	28.4
P-2172	40.18	6	-29.1	29.1
P-611	447	6	29.1	29.1
P-2260	760.08	6	-29.4	29.4
P-1316	1083.55	6	29.6	29.6
P-1404	429.06	6	-29.6	29.6
P-1406	383.36	6	-29.6	29.6
P-1585	442.92	6	29.6	29.6
P-622	373.69	6	-29.7	29.7
P-684	474.99	6	-29.7	29.7
P-735	470.84	6	29.7	29.7
P-796	388.53	6	29.8	29.8
P-803	1016.26	6	-30.2	30.2
P-805	400.65	6	-30.2	30.2
P-807	118.79	6	-30.2	30.2
P-1570	1119.08	6	-30.5	30.5
P-1415	536.76	6	30.9	30.9
P-1416	254.23	6	30.9	30.9
P-1988	825.96	6	-30.9	30.9
P-1805	563.16	6	-31.1	31.1
P-1807	374.02	6	-31.1	31.1
P-1856	757.78	6	-31.1	31.1
P-1903	571.81	6	-31.1	31.1
P-635	352.88	6	-31.2	31.2
P-2010	319.5	6	-31.5	31.5
P-733	818.17	6	31.8	31.8
P-741	639.81	6	32.3	32.3
P-745	719.98	6	32.3	32.3
P-747	435.23	6	32.3	32.3
P-578	171.26	6	-32.4	32.4
P-723	255.65	6	32.6	32.6
P-1543	273.82	6	-32.7	32.7
P-654	452.76	6	32.7	32.7
P-2032	323.68	6	-32.9	32.9
P-435	805.31	6	33.1	33.1
P-591	525.66	6	-33.1	33.1
P-694	461.14	6	-33.2	33.2
P-662	509.45	6	-33.3	33.3
P-658	457.41	6	-33.5	33.5
P-303	626.69	6	33.7	33.7
P-305	607.32	6	33.7	33.7
P-2034	343.47	6	-34	34
P-1417	38.73	6	34.1	34.1
P-1419	632.6	6	34.1	34.1
P-646	504.84	6	34.1	34.1

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-2212	72.43		6	34.4	34.4
P-2213	749.91		6	34.4	34.4
P-659	480.54		6	34.7	34.7
P-2030	622.8		6	-35.1	35.1
P-1360	1023.58		6	-35.2	35.2
P-534	460.42		6	-35.3	35.3
P-2037	385.34		6	-35.5	35.5
P-1806	323.41		6	-35.7	35.7
P-2151	732.67		6	-35.7	35.7
P-1069	35.35		6	36.1	36.1
P-1070	1689.99		6	-36.1	36.1
P-1525	171.26		6	36.1	36.1
P-1527	655.07		6	36.1	36.1
P-2326	623.21		6	36.1	36.1
P-2298	801.05		6	-36.7	36.7
P-266	2108.45		6	36.9	36.9
P-356	307.24		6	37.1	37.1
P-1357	498.83		6	-37.2	37.2
P-727	217.47		6	-37.5	37.5
P-729	423.11		6	-37.5	37.5
P-556	436.35		6	37.8	37.8
P-342	11.72		6	-38	38
P-673	481.52		6	-38	38
P-1302	1245.74		6	-38.3	38.3
P-1320	349.69		6	-38.3	38.3
P-1044	3526.08		6	-38.5	38.5
P-1965	677.91		6	39	39
P-1354	86.89		6	-39.2	39.2
P-1962	649.07		6	39.4	39.4
P-2169	387.16		6	-39.4	39.4
P-1528	172.98		6	-39.7	39.7
P-1530	3568.93		6	-39.7	39.7
P-1531	357.22		6	-39.7	39.7
P-2261	435.99		6	39.7	39.7
P-2115	473.19		6	40	40
P-349	858.65		6	40.2	40.2
P-675	468.73		6	-40.6	40.6
P-811	291.11		6	-40.6	40.6
P-1930	968.24		6	41	41
P-1333	1751.86		6	-41.1	41.1
P-370	336.56		6	41.3	41.3
P-1590	161.62		6	41.6	41.6
P-677	478.15		6	-42.3	42.3
P-641	453.93		6	43	43
P-725	451.31		6	-44.6	44.6
P-2003	289.32		6	-44.7	44.7
P-2028	131.93		6	-44.7	44.7
P-549	450.69		6	45.7	45.7
P-1774	481.93		6	45.8	45.8
P-1775	457.18		6	45.8	45.8
P-1781	35.28		6	45.8	45.8
P-2350	597.45		6	45.8	45.8

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-327	1631.32		6	45.9	45.9
P-2396	192.51		6	46.2	46.2
P-1846	172.25		6	-46.4	46.4
P-1929	349.96		6	-46.4	46.4
P-1986	1319.12		6	46.4	46.4
P-681	256.81		6	46.5	46.5
P-683	207.99		6	46.5	46.5
P-1857	264.6		6	-46.8	46.8
P-1967	1042.05		6	-47	47
P-1964	1063.9		6	-47.5	47.5
P-1359	1207.09		6	-47.6	47.6
P-1802	1115.93		6	47.8	47.8
P-2001	706.83		6	-48.4	48.4
P-2006	185.6		6	-48.4	48.4
P-812	231.15		6	48.5	48.5
P-814	422.38		6	48.5	48.5
P-815	194.97		6	48.5	48.5
P-1863	135.23		6	-49.2	49.2
P-2355	1025.84		6	49.4	49.4
P-1366	981.16		6	-49.5	49.5
P-383	1265.64		6	49.5	49.5
P-385	571.49		6	49.5	49.5
P-304	726.99		6	-49.9	49.9
P-1472	570.63		6	50	50
P-1474	656.96		6	50	50
P-1575	2357.71		6	-50	50
P-671	458.74		6	-50.7	50.7
P-1367	441.32		6	-51.1	51.1
P-270	542.51		6	51.6	51.6
P-285	266.26		6	-51.6	51.6
P-350	300.25		6	52.6	52.6
P-352	277.55		6	52.6	52.6
P-1040	140.89		6	-52.8	52.8
P-596	11.35		6	53	53
P-598	470.06		6	53	53
P-600	477.33		6	53	53
P-1772	912.34		6	-53.3	53.3
P-2303	8.22		6	-53.4	53.4
P-838	8.98		6	53.6	53.6
P-2171	482.99		6	53.7	53.7
P-1314	418.84		6	55	55
P-627	589.3		6	55	55
P-631	1688.48		6	55	55
P-1767	1280.92		6	-55.3	55.3
P-1771	297.28		6	-55.3	55.3
P-1318	704.04		6	-55.4	55.4
P-1490	2226.15		6	-55.4	55.4
P-2321	410.04		6	55.7	55.7
P-685	533.41		6	55.7	55.7
P-592	285.46		6	-56.1	56.1
P-728	208.6		6	56.9	56.9
P-426	313.28		6	57.1	57.1

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-428	665.81	6	57.1	57.1
P-226	640.29	6	-57.7	57.7
P-228	1117.56	6	-57.7	57.7
P-230	39.32	6	-57.7	57.7
P-545	465.86	6	57.7	57.7
P-1787	610.81	6	58.4	58.4
P-1833	278.73	6	58.9	58.9
P-1835	242.89	6	58.9	58.9
P-1839	587.3	6	58.9	58.9
P-2131	718.72	6	-58.9	58.9
P-1432	431.96	6	-61	61
P-332	585.18	6	61.4	61.4
P-1989	371.01	6	61.8	61.8
P-391	860.92	6	-61.9	61.9
P-393	22.53	6	-61.9	61.9
P-726	248.93	6	61.9	61.9
P-917	125.95	6	62	62
P-1914	122.72	6	-63.8	63.8
P-330	825.26	6	64.2	64.2
P-354	177.76	6	64.2	64.2
P-1411	392.47	6	64.9	64.9
P-1413	314.53	6	64.9	64.9
P-1940	1304.9	6	64.9	64.9
P-1812	304.44	6	65.1	65.1
P-272	592.18	6	65.8	65.8
P-1791	540.13	6	66.6	66.6
P-1996	801.43	6	-67.2	67.2
P-2282	641.47	6	68.7	68.7
P-335	572.32	6	-68.7	68.7
P-337	563.67	6	-68.7	68.7
P-1459	645.19	6	-68.8	68.8
P-1461	595.6	6	-68.8	68.8
P-1400	500.34	6	69	69
P-1408	419.18	6	69	69
P-1410	274.36	6	69	69
P-1346	1029.74	6	-69.2	69.2
P-1666	243.38	6	69.2	69.2
P-2258	356.4	6	69.2	69.2
P-2259	396.89	6	69.2	69.2
P-286	361.94	6	69.9	69.9
P-282	217.65	6	70.2	70.2
P-1297	532.6	6	-70.4	70.4
P-1858	652.82	6	70.4	70.4
P-395	485.19	6	70.8	70.8
P-1910	110.38	6	72.5	72.5
P-1842	837.9	6	73.2	73.2
P-1850	320.55	6	73.2	73.2
P-1852	329.53	6	73.2	73.2
P-1401	598.08	6	-73.6	73.6
P-1697	273.48	6	-74	74
P-2252	287.51	6	-74	74
P-1564	1034.18	6	74.5	74.5

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-734	253.13		6	-74.7	74.7
P-1043	4674.69		6	-75.3	75.3
P-1370	2086.27		6	75.9	75.9
P-880	1697.81		6	-76.6	76.6
P-1689	283.26		6	77	77
P-696	451.24		6	77.7	77.7
P-1356	732.54		6	77.9	77.9
P-1371	155.45		6	77.9	77.9
P-1911	185.37		6	-78.6	78.6
P-2002	307.74		6	79.3	79.3
P-1347	343.76		6	79.6	79.6
P-1631	426.53		6	79.6	79.6
P-1334	496.34		6	81.1	81.1
P-1705	162.73		6	81.3	81.3
P-1305	969.62		6	82.2	82.2
P-1488	224.59		6	-82.2	82.2
P-1680	508.49		6	-82.2	82.2
P-300	787.68		6	-83.6	83.6
P-306	1538.31		6	-83.6	83.6
P-334	371.33		6	-83.6	83.6
P-1701	102.24		6	83.9	83.9
P-1319	558.74		6	85.1	85.1
P-1906	179.94		6	-85.4	85.4
P-1916	235.83		6	-85.4	85.4
P-1344	117.77		6	87	87
P-1349	366.63		6	87	87
P-1633	725.02		6	87	87
P-271	327		6	88.5	88.5
P-1937	1894.08		6	-88.6	88.6
P-1941	394.62		6	-88.6	88.6
P-348	225.46		6	92.8	92.8
P-716	744.69		6	94.4	94.4
P-2021	332.85		6	94.7	94.7
P-1692	741.02		6	95.2	95.2
P-1695	430.04		6	-97.4	97.4
P-1707	521.06		6	-97.4	97.4
P-1793	339.91		6	97.7	97.7
P-1798	32.99		6	97.7	97.7
P-1804	8.75		6	97.7	97.7
P-1365	209.79		6	-100.6	100.6
P-1614	943.28		6	100.7	100.7
P-1800	306.3		6	101.1	101.1
P-1803	180.51		6	101.1	101.1
P-2264	22.02		6	-104.4	104.4
P-1702	43.51		6	104.7	104.7
P-1797	543.47		6	106.1	106.1
P-774	918.7		6	106.4	106.4
P-721	1373.48		6	-106.5	106.5
P-732	159.84		6	-106.5	106.5
P-1540	351.77		6	107.2	107.2
P-1541	327.19		6	108.5	108.5
P-1361	1122.03		6	109	109

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1668	789.23	6	109.9	109.9
P-1308	719.3	6	-110.5	110.5
P-1310	46.24	6	110.5	110.5
P-1355	521.03	6	115.1	115.1
P-2139	1510.55	6	115.7	115.7
P-191	204.76	6	-118.1	118.1
P-299	869.22	6	120.4	120.4
P-1324	432.16	6	122.2	122.2
P-1326	235.36	6	122.2	122.2
P-1328	98.68	6	122.2	122.2
P-1330	324.52	6	122.2	122.2
P-1332	326.69	6	122.2	122.2
P-1335	90.09	6	122.2	122.2
P-2367	942.27	6	122.2	122.2
P-1300	1443.67	6	-123.4	123.4
P-1471	208.24	6	-123.6	123.6
P-1368	300.44	6	124.8	124.8
P-216	502.2	6	-128	128
P-218	1695.11	6	-128	128
P-1597	109.43	6	-130.7	130.7
P-2330	526.17	6	-130.7	130.7
P-1927	24.87	6	130.9	130.9
P-1539	464.94	6	133.7	133.7
P-27	116.5	6	136.2	136.2
P-429	320.97	6	139.7	139.7
P-281	252.45	6	140.1	140.1
P-316	710.14	6	140.1	140.1
P-318	29.02	6	140.1	140.1
P-1538	43.77	6	-142.9	142.9
P-782	151.56	6	-143.6	143.6
P-1063	356.63	6	144.4	144.4
P-1065	413.22	6	144.4	144.4
P-2327	79.92	6	-144.4	144.4
P-232	20.93	6	145.3	145.3
P-233	42.15	6	145.3	145.3
P-236	1422.71	6	145.3	145.3
P-275	674.98	6	-147.7	147.7
P-277	165.6	6	-147.7	147.7
P-279	255.53	6	-147.7	147.7
P-1935	463.34	6	-153.5	153.5
P-2183	2085.4	6	-157.5	157.5
P-1675	450.19	6	-163.5	163.5
P-1313	427.74	6	-165.5	165.5
P-1598	342.88	6	165.5	165.5
P-1311	1274.12	6	-172.4	172.4
P-1552	357.65	6	-173.3	173.3
P-1364	333.64	6	-178.5	178.5
P-1298	949.24	6	-182.8	182.8
P-1551	44.07	6	-187.3	187.3
P-1553	182.79	6	-190.5	190.5
P-1352	202.73	6	248.3	248.3
P-1363	29.25	6	287.5	287.5

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-719	274.2		6	293.5	293.5
P-718	10.14		6	-305.6	305.6
P-923	21.75		6	319.2	319.2
P-1511	2560.85		6	325	325
P-1512	103.5		6	325	325
P-1693	67.57		6	-382.2	382.2
P-2283	317.11		6	400	400
P-843	281.06		6	-437.6	437.6
P-2356	309.06		6	566.7	566.7
P-2363	1156.91		6	595.1	595.1
P-844	711.2		6	595.1	595.1
P-846	250.69		6	595.1	595.1
		59.66			
P-2216	719.62		8	-3.2	3.2
P-2323	270.83		8	-3.2	3.2
P-2416	309.49		8	-3.2	3.2
P-1970	148.35		8	-3.8	3.8
P-1984	377.86		8	-3.8	3.8
P-186	590.16		8	-4.2	4.2
P-1475	865.89		8	-4.6	4.6
P-1726	1774.43		8	-5	5
P-569	424.94		8	-5.1	5.1
P-760	321.16		8	-5.8	5.8
P-1907	865.74		8	-6.1	6.1
P-2071	106.14		8	-6.2	6.2
P-2073	119.91		8	6.2	6.2
P-2215	858.43		8	-6.2	6.2
P-2325	505.72		8	-6.2	6.2
P-357	290.88		8	-6.4	6.4
P-756	860.2		8	8.5	8.5
P-386	207.03		8	-8.9	8.9
P-390	395.55		8	8.9	8.9
P-1202	1873.71		8	9.5	9.5
P-199	149.24		8	9.6	9.6
P-373	146.76		8	-9.6	9.6
P-773	436.41		8	-9.6	9.6
P-698	97.97		8	-10.4	10.4
P-1422	369.28		8	-11.9	11.9
P-1380	624.83		8	14	14
P-947	342.95		8	14.6	14.6
P-1912	320.15		8	-14.8	14.8
P-1978	258.45		8	-14.8	14.8
P-1421	256.63		8	15.1	15.1
P-766	20.95		8	-16.1	16.1
P-2072	293.5		8	-16.9	16.9
P-877	752.01		8	-18.3	18.3
P-362	374.74		8	-18.5	18.5
P-1423	45.59		8	19	19
P-1444	362.72		8	19	19
P-1448	451.61		8	19	19
P-674	518.4		8	19.1	19.1
P-561	265.35		8	20.9	20.9

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1201	203.1	8	21.2	21.2
P-565	425.62	8	21.3	21.3
P-409	1187.83	8	21.9	21.9
P-413	352.41	8	21.9	21.9
P-331	860.23	8	22	22
P-564	437.98	8	22.7	22.7
P-124	695.58	8	-22.9	22.9
P-159	583.52	8	22.9	22.9
P-162	1483.38	8	22.9	22.9
P-1723	156.99	8	-23.1	23.1
P-1725	278.01	8	-23.1	23.1
P-2074	35.87	8	-23.1	23.1
P-2076	222.82	8	-23.1	23.1
P-2077	1161.98	8	-23.1	23.1
P-2383	973.34	8	24.5	24.5
P-1720	165.54	8	25.5	25.5
P-568	499.63	8	26.2	26.2
P-567	496.64	8	26.4	26.4
P-170	989.11	8	27.3	27.3
P-1587	487.98	8	-28	28
P-1713	743.36	8	-28	28
P-1721	409.97	8	-28	28
P-1881	62.09	8	-28	28
P-1883	816.96	8	-28	28
P-1884	8.43	8	-28	28
P-1886	566.08	8	-28	28
P-2391	40.97	8	28.9	28.9
P-93	34.24	8	28.9	28.9
P-1536	322.85	8	29.1	29.1
P-2040	718.6	8	29.4	29.4
P-1200	298.48	8	30.7	30.7
P-1203	13.36	8	30.7	30.7
P-375	1018.13	8	31	31
P-563	435.3	8	31.3	31.3
P-2379	299.98	8	32.2	32.2
P-2096	284.94	8	32.6	32.6
P-656	143.38	8	-32.7	32.7
P-872	323.24	8	-32.7	32.7
P-371	1091.14	8	33	33
P-150	622.25	8	-33.1	33.1
P-436	297.9	8	33.1	33.1
P-360	307.5	8	-33.6	33.6
P-670	15.13	8	-33.9	33.9
P-864	507.67	8	-33.9	33.9
P-1187	2836.05	8	-34.1	34.1
P-160	980.49	8	-34.2	34.2
P-1067	1537.22	8	36.1	36.1
P-411	328.96	8	36.5	36.5
P-415	345.67	8	36.5	36.5
P-1393	727.58	8	-36.9	36.9
P-1641	491.4	8	-36.9	36.9
P-1645	363.67	8	-36.9	36.9

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1647	319.94	8	-36.9	36.9
P-118	2985.23	8	37	37
P-182	658.58	8	-37.1	37.1
P-2382	635.53	8	37.8	37.8
P-2380	283.98	8	-38.6	38.6
P-50	95.73	8	-39.5	39.5
P-200	375.89	8	-40	40
P-180	365.78	8	-40.2	40.2
P-287	485.53	8	41.1	41.1
P-212	363.59	8	-41.9	41.9
P-458	834.04	8	-41.9	41.9
P-381	547.58	8	42	42
P-1184	1055.99	8	42.3	42.3
P-127	160.32	8	42.8	42.8
P-128	487.09	8	42.8	42.8
P-560	449.78	8	42.8	42.8
P-767	997.28	8	43.7	43.7
P-2061	48.78	8	44	44
P-2043	300.52	8	44.1	44.1
P-2027	637.62	8	-44.5	44.5
P-211	650.91	8	-44.9	44.9
P-1431	297.9	8	-45.9	45.9
P-1438	206.88	8	-45.9	45.9
P-1440	39.19	8	-45.9	45.9
P-99	133.28	8	45.9	45.9
P-289	885.83	8	46.2	46.2
P-2377	215.8	8	-46.4	46.4
P-2120	673.3	8	46.5	46.5
P-456	738.19	8	46.5	46.5
P-787	530.63	8	46.8	46.8
P-1051	685.62	8	48	48
P-1053	1088.66	8	48	48
P-1517	61.26	8	48.6	48.6
P-1376	1010.44	8	-49.4	49.4
P-2422	432.08	8	-49.4	49.4
P-168	909.09	8	-49.5	49.5
P-173	843.79	8	-49.6	49.6
P-198	2212.79	8	-49.6	49.6
P-2245	374.06	8	-50.4	50.4
P-1518	43.41	8	-50.5	50.5
P-1972	70.78	8	-50.8	50.8
P-1974	317.68	8	-50.8	50.8
P-1976	668.49	8	-50.8	50.8
P-1379	383.76	8	-51	51
P-1651	981.93	8	-51	51
P-795	896.82	8	-52	52
P-826	213.04	8	-52	52
P-2251	9.53	8	-53.3	53.3
P-693	463.34	8	53.7	53.7
P-590	201.89	8	54	54
P-1568	374.6	8	54.4	54.4
P-1458	320.67	8	-54.6	54.6

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-2058	294.33		8	54.7	54.7
P-2142	23.64		8	54.8	54.8
P-801	201.9		8	-54.9	54.9
P-1913	312.61		8	55.8	55.8
P-2066	197.96		8	56.3	56.3
P-158	464.76		8	57.1	57.1
P-161	327.08		8	57.1	57.1
P-437	485.45		8	57.2	57.2
P-219	107.58		8	-57.7	57.7
P-61	870.12		8	-57.7	57.7
P-1870	789.65		8	58.9	58.9
P-367	318.9		8	58.9	58.9
P-364	295.87		8	-59.1	59.1
P-2025	307.59		8	-59.2	59.2
P-1402	70.26		8	-60.3	60.3
P-39	5089.72		8	60.5	60.5
P-136	966.68		8	-60.9	60.9
P-1430	226.04		8	-61	61
P-1435	131.6		8	-61	61
P-1183	426.82		8	61.6	61.6
P-2024	528.18		8	-61.8	61.8
P-757	680.73		8	61.8	61.8
P-179	768.17		8	62.2	62.2
P-165	365.05		8	62.7	62.7
P-417	346.05		8	62.7	62.7
P-788	940.33		8	-62.9	62.9
P-2055	347.95		8	63.1	63.1
P-550	13.1		8	-63.8	63.8
P-571	154.63		8	-63.8	63.8
P-1194	385.1		8	-65	65
P-1195	786.07		8	-65	65
P-1197	798.32		8	-65	65
P-2117	359.07		8	65	65
P-2246	495.88		8	-65	65
P-126	932.41		8	-65.7	65.7
P-2033	1205.31		8	-66	66
P-2164	364.42		8	-66	66
P-798	329.02		8	-66	66
P-821	488.71		8	-66	66
P-651	451.51		8	-66.2	66.2
P-699	452.12		8	67.3	67.3
P-1953	196.78		8	67.5	67.5
P-1959	1014.8		8	67.5	67.5
P-1961	754.4		8	67.5	67.5
P-1491	260.19		8	68.4	68.4
P-167	611.31		8	68.5	68.5
P-1477	548.24		8	-68.8	68.8
P-1479	304.22		8	-68.8	68.8
P-1484	303.82		8	-68.8	68.8
P-1662	304.97		8	69.2	69.2
P-1663	22.04		8	69.2	69.2
P-291	895.91		8	69.9	69.9

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1860	17 65	8	-70.4	70.4
P-220	676.47	8	-70.4	70.4
P-60	552.7	8	70.4	70.4
P-2384	351.48	8	-70.8	70.8
P-588	488.73	8	70.8	70.8
P-772	777.86	8	71.4	71.4
P-1909	86.45	8	-72.5	72.5
P-740	647.31	8	73	73
P-749	365.41	8	73	73
P-751	601.08	8	73	73
P-328	110.53	8	73.1	73.1
P-520	474.64	8	73.7	73.7
P-181	595.81	8	74.3	74.3
P-2067	324.16	8	77.1	77.1
P-554	445.21	8	80.8	80.8
P-781	208.86	8	-81.8	81.8
P-783	954.77	8	-81.8	81.8
P-817	795.43	8	-81.8	81.8
P-1932	621.67	8	-82.4	82.4
P-2362	889.93	8	82.6	82.6
P-431	570.98	8	82.6	82.6
P-183	459.27	8	-83.5	83.5
P-2026	314.71	8	-83.6	83.6
P-551	469.43	8	83.9	83.9
P-697	824.43	8	-84.7	84.7
P-439	334.7	8	-85	85
P-2297	335.03	8	-88.3	88.3
P-1299	650.66	8	-89.7	89.7
P-1928	1336.89	8	89.9	89.9
P-345	588.75	8	92.8	92.8
P-714	399.63	8	-94.4	94.4
P-530	310.33	8	-95.1	95.1
P-1399	206.65	8	-95.6	95.6
P-1403	354.38	8	-95.6	95.6
P-1182	168.54	8	95.7	95.7
P-1199	387.67	8	-95.7	95.7
P-755	820.73	8	96.8	96.8
P-116	793.73	8	102.7	102.7
P-442	1851.88	8	102.7	102.7
P-1522	1094.89	8	103.3	103.3
P-570	2012.8	8	105.3	105.3
P-748	242.52	8	105.3	105.3
P-753	136.12	8	105.3	105.3
P-1963	539.52	8	106.5	106.5
P-1523	199.94	8	107	107
P-1973	772.16	8	107	107
P-2214	513.85	8	107	107
P-2023	345.44	8	-108	108
P-2324	428.25	8	-108.3	108.3
P-2353	442.71	8	108.7	108.7
P-177	115.49	8	111.1	111.1
P-1429	77.99	8	-114.3	114.3

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1433	228.44		8	-114.3	114.3
P-1494	360.23		8	-114.3	114.3
P-2144	733.82		8	115.7	115.7
P-184	515.76		8	116.5	116.5
P-132	41.82		8	-118.1	118.1
P-137	361.7		8	118.1	118.1
P-434	412.78		8	-118.1	118.1
P-2078	272.25		8	-120	120
P-702	382.31		8	123	123
P-866	3237.07		8	123	123
P-1454	36.76		8	-123.4	123.4
P-1466	929.66		8	123.6	123.6
P-1467	250.88		8	123.6	123.6
P-1469	103.19		8	123.6	123.6
P-1396	278.45		8	124.3	124.3
P-461	610.81		8	-125	125
P-48	1437.16		8	-125	125
P-1398	329		8	-125.3	125.3
P-1407	614.3		8	-125.3	125.3
P-1496	797.05		8	-125.9	125.9
P-1510	472.78		8	-125.9	125.9
P-2254	1382.73		8	-125.9	125.9
P-156	3618.07		8	126	126
P-1323	966.74		8	-126.1	126.1
P-1562	293.44		8	127.6	127.6
P-1908	610.96		8	128.3	128.3
P-1565	312.62		8	128.9	128.9
P-1420	246.45		8	-129.4	129.4
P-1492	843.2		8	-129.4	129.4
P-1931	389.99		8	130.9	130.9
P-1519	29.72		8	-131.6	131.6
P-292	887.77		8	135.7	135.7
P-1987	366.47		8	136.3	136.3
P-1968	377.43		8	138.2	138.2
P-143	1113.98		8	-139.7	139.7
P-147	449.61		8	-139.7	139.7
P-2068	434.55		8	-143	143
P-2070	175.22		8	-143	143
P-2079	141.94		8	-143	143
P-2218	701.06		8	143	143
P-905	588.82		8	143	143
P-776	701		8	-143.6	143.6
P-778	275.75		8	-143.6	143.6
P-779	411.59		8	-143.6	143.6
P-1982	475.62		8	143.9	143.9
P-1006	879.56		8	-144.4	144.4
P-1060	1058.24		8	144.4	144.4
P-1062	411.51		8	144.4	144.4
P-2126	477.37		8	-145.3	145.3
P-84	78.27		8	-145.3	145.3
P-848	332.99		8	-145.3	145.3
P-85	732.43		8	-145.3	145.3

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1983	441.46		8	149.2	149.2
P-273	849.82		8	-152.1	152.1
P-1969	458.08		8	-153	153
P-1554	237.61		8	157.8	157.8
P-1905	607.34		8	157.8	157.8
P-2354	194.15		8	158.2	158.2
P-2359	609.11		8	158.2	158.2
P-81	1144.84		8	158.2	158.2
P-1985	350.89		8	167.2	167.2
P-106	920.23		8	167.4	167.4
P-1397	389.24		8	-175.3	175.3
P-1520	1078.98		8	180.1	180.1
P-2138	379.86		8	180.9	180.9
P-1534	550.32		8	-187.3	187.3
P-2099	60.08		8	-187.3	187.3
P-1995	446.3		8	-198.2	198.2
P-1425	145.5		8	199.1	199.1
P-1426	357.66		8	199.1	199.1
P-1521	1315.85		8	199.1	199.1
P-1861	427.25		8	-212.1	212.1
P-1864	453.26		8	-212.1	212.1
P-1337	793.93		8	-213	213
P-1343	324.05		8	-213	213
P-1620	142.7		8	-213	213
P-1622	537.1		8	-213	213
P-1917	219.84		8	213.6	213.6
P-1859	441.06		8	-215	215
P-1602	1051.98		8	-215.5	215.5
P-1604	29.94		8	-215.5	215.5
P-1606	1204.38		8	-215.5	215.5
P-921	664.97		8	-218.1	218.1
P-1866	485.47		8	-220.2	220.2
P-1840	339.82		8	226.4	226.4
P-1933	585.58		8	236.4	236.4
P-1351	390.64		8	-248.3	248.3
P-1992	669.99		8	251.8	251.8
P-1617	302.45		8	-253.2	253.2
P-1676	176.31		8	-253.2	253.2
P-1563	384.93		8	-261.8	261.8
P-700	535.02		8	-277	277
P-1710	332.35		8	-277.5	277.5
P-174	114.37		8	282.2	282.2
P-1706	71.02		8	284.8	284.8
P-1708	591.69		8	284.8	284.8
P-1712	745.21		8	-285.3	285.3
P-1811	114.47		8	-285.3	285.3
P-1841	265.6		8	-285.3	285.3
P-1890	174.29		8	-285.3	285.3
P-1566	347.67		8	-287.1	287.1
P-112	397.46		8	-287.9	287.9
P-114	1043.53		8	-287.9	287.9
P-293	373.59		8	-287.9	287.9

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1939	720.81		8	296.5	296.5
P-2149	345.68		8	305.6	305.6
P-715	46.05		8	305.6	305.6
P-1934	144.39		8	334.3	334.3
P-2148	199.07		8	334.3	334.3
P-1938	467.02		8	361.4	361.4
P-701	187.83		8	400	400
P-712	712.6		8	400	400
P-1942	567.12		8	450	450
P-1945	347.45		8	450	450
P-1949	944.32		8	450	450
P-1994	619.6		8	450	450
P-2146	168.71		8	450	450
P-2147	734.87		8	450	450
P-35	88.71		8	-753.4	753.4
P-2190	6.36		8	3623.4	3623.4
P-2203	8.31		8	4053.3	4053.3
		37.09			
P-2401	74.85		10	-11.3	11.3
P-505	20.38		10	-20.5	20.5
P-586	327.72		10	71.7	71.7
P-2404	450.09		10	-95.1	95.1
P-585	469.73		10	132.5	132.5
P-840	1425.54		10	166.3	166.3
P-1581	303.24		10	187.2	187.2
P-589	167.43		10	-187.2	187.2
P-583	90.8		10	-198.5	198.5
P-510	71.86		10	199.7	199.7
P-2403	594.21		10	-214	214
P-867	559.17		10	-214	214
P-504	698.91		10	219	219
P-509	691.92		10	-220.2	220.2
P-594	130.76		10	-258	258
P-506	7.81		10	439.2	439.2
P-2191	6.32		10	3623.4	3623.4
P-2201	8.3		10	4053.3	4053.3
		1.16			
P-575	134.99		12	3.4	3.4
P-1733	38.23		12	-5	5
P-1735	158.73		12	-5	5
P-1737	496.92		12	-5	5
P-1742	357.45		12	-5	5
P-1744	241.91		12	-5	5
P-1747	159.9		12	-5	5
P-1749	533.86		12	-5	5
P-1751	551.16		12	-5	5
P-1756	211.22		12	-5	5
P-1758	574.88		12	-5	5
P-914	564.86		12	-5	5
P-2346	517.04		12	8.4	8.4
P-1613	89.92		12	9.6	9.6
P-513	488.36		12	-10.3	10.3

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-2328	824.3		12	-11.1	11.1
P-2347	1405.97		12	-11.1	11.1
P-1054	794.79		12	11.2	11.2
P-1055	591.75		12	11.2	11.2
P-584	260.69		12	-11.3	11.3
P-1208	60.93		12	13.6	13.6
P-2309	218.33		12	13.9	13.9
P-562	449.95		12	16	16
P-559	504.77		12	-18.8	18.8
P-908	32.3		12	19	19
P-495	54.71		12	21.1	21.1
P-2301	385.71		12	24.2	24.2
P-2310	310.53		12	24.2	24.2
P-1766	1289.6		12	27.3	27.3
P-1777	793.31		12	27.3	27.3
P-1722	409.85		12	-28	28
P-1760	205.67		12	-28	28
P-1764	479.39		12	-28	28
P-1022	324.78		12	-28.2	28.2
P-2306	277.38		12	29.8	29.8
P-1205	499.53		12	30.7	30.7
P-1071	670.37		12	-31.5	31.5
P-2133	562.28		12	-31.5	31.5
P-2134	730.37		12	-31.5	31.5
P-2135	191.13		12	-31.5	31.5
P-2137	600.39		12	-31.5	31.5
P-680	406.24		12	-31.5	31.5
P-2336	504.65		12	-32	32
P-963	472.01		12	32	32
P-494	125.01		12	-32.5	32.5
P-1166	40.43		12	34.6	34.6
P-1045	1231.68		12	-36.8	36.8
P-1047	382.17		12	-36.8	36.8
P-1028	297.11		12	-39.3	39.3
P-1025	451.85		12	-39.5	39.5
P-566	462.15		12	-42.4	42.4
P-535	487.85		12	42.6	42.6
P-51	157.95		12	-44.9	44.9
P-1033	656.45		12	-48	48
P-1057	936.49		12	48	48
P-1031	283.65		12	-48.8	48.8
P-175	29.7		12	49.6	49.6
P-21	108.94		12	49.6	49.6
P-517	231.21		12	53	53
P-949	118.39		12	-53	53
P-496	47.95		12	-53.6	53.6
P-593	159.04		12	53.8	53.8
P-14	866.86		12	57.1	57.1
P-1003	735.13		12	57.7	57.7
P-1008	610.56		12	57.7	57.7
P-2136	850.09		12	57.7	57.7
P-1312	1524.15		12	59.6	59.6

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1596	939.17	12	-59.6	59.6
P-993	793.31	12	-59.6	59.6
P-129	1657.69	12	-59.9	59.9
P-44	170.46	12	60.5	60.5
P-515	470.55	12	-61.6	61.6
P-514	1352.85	12	62.9	62.9
P-1783	35.87	12	63.8	63.8
P-555	230.83	12	65	65
P-521	487.79	12	65.1	65.1
P-1018	459.62	12	-67.9	67.9
P-552	458.91	12	68.1	68.1
P-190	699.81	12	-68.3	68.3
P-876	332.32	12	-70.8	70.8
P-516	122.3	12	-71.7	71.7
P-1010	611.71	12	-75.3	75.3
P-995	305.66	12	-75.3	75.3
P-2304	152.24	12	77.6	77.6
P-518	262.95	12	77.9	77.9
P-557	225.27	12	82.6	82.6
P-2296	415.1	12	83.2	83.2
P-1683	598.58	12	83.9	83.9
P-1684	105.83	12	83.9	83.9
P-524	245.72	12	-87.1	87.1
P-576	28.27	12	-87.2	87.2
P-580	1691.64	12	-87.2	87.2
P-1007	95.23	12	-89.2	89.2
P-31	1819.71	12	91.6	91.6
P-17	562.93	12	92.3	92.3
P-194	100.2	12	92.3	92.3
P-196	499.81	12	92.3	92.3
P-890	291.63	12	94.3	94.3
P-612	1297.99	12	-95.3	95.3
P-613	914.63	12	-96.3	96.3
P-1259	605.52	12	-96.4	96.4
P-1271	409.55	12	-96.4	96.4
P-1273	628.87	12	-96.4	96.4
P-1275	251.13	12	-96.4	96.4
P-958	637.07	12	-96.4	96.4
P-961	2355.44	12	-96.4	96.4
P-615	622.21	12	-99.6	99.6
P-2211	3488.38	12	-102.7	102.7
P-525	24.4	12	102.7	102.7
P-2132	73.2	12	-108.3	108.3
P-508	29.3	12	110	110
P-378	271.19	12	-119.7	119.7
P-581	1115.4	12	-124.4	124.4
P-2145	15.47	12	126	126
P-20	556.8	12	-126.3	126.3
P-810	609.29	12	-127.8	127.8
P-171	820.99	12	-128	128
P-2295	821.75	12	-128	128
P-1249	1473.64	12	-128.4	128.4

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1253	236.92		12	-128.4	128.4
P-2333	18.72		12	128.4	128.4
P-892	922.05		12	128.4	128.4
P-964	340.51		12	-128.4	128.4
P-511	500.37		12	129.6	129.6
P-1049	1997.08		12	-133.2	133.2
P-29	93.4		12	136.2	136.2
P-519	52.82		12	138.8	138.8
P-1005	225.42		12	-139.9	139.9
P-376	309.94		12	-142.7	142.7
P-3	9585.37		12	-150	150
P-1516	68.43		12	153.8	153.8
P-2182	105.85		12	157.5	157.5
P-423	286.81		12	158.6	158.6
P-553	466.29		12	163.4	163.4
P-169	542.59		12	-170	170
P-2273	328.89		12	-170	170
P-369	165.71		12	-170	170
P-164	242.48		12	177.5	177.5
P-421	451.73		12	177.5	177.5
P-22	1367.13		12	-178	178
P-1058	602.91		12	-181.2	181.2
P-392	1143.81		12	184.8	184.8
P-904	401.03		12	-186.4	186.4
P-992	83.66		12	187.2	187.2
P-526	706.53		12	-189.8	189.8
P-1001	78.89		12	-197.5	197.5
P-1068	786.35		12	-197.5	197.5
P-154	4079.47		12	200	200
P-441	1275.7		12	200	200
P-448	2128.56		12	200	200
P-449	6350.62		12	200	200
P-450	5745.49		12	200	200
P-451	1356.21		12	200	200
P-452	3624.71		12	200	200
P-433	769.05		12	-207.2	207.2
P-894	386.22		12	-207.2	207.2
P-185	545.02		12	208.1	208.1
P-546	207.62		12	209.1	209.1
P-548	252.28		12	209.1	209.1
P-40	1420.2		12	-211.3	211.3
P-528	6.86		12	214	214
P-523	423.89		12	216.7	216.7
P-512	28.75		12	219.3	219.3
P-19	974.3		12	220.6	220.6
P-42	579.62		12	-220.8	220.8
P-909	738.86		12	-221.3	221.3
P-166	241.4		12	221.4	221.4
P-115	408.96		12	223.4	223.4
P-2279	16		12	223.4	223.4
P-382	1610.65		12	226.5	226.5
P-916	59.07		12	-230	230

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-1616	2057.44	12	-233.6	233.6
P-507	212.86	12	239.5	239.5
P-15	509.26	12	240.3	240.3
P-425	403.45	12	240.3	240.3
P-998	20.18	12	-244.7	244.7
P-16	816.85	12	246.7	246.7
P-2411	2389.27	12	249.3	249.3
P-26	25.98	12	253.2	253.2
P-522	360.96	12	-253.5	253.5
P-38	23.89	12	-255.4	255.4
P-915	405.59	12	257.3	257.3
P-582	530.95	12	-258	258
P-1478	330.22	12	262.8	262.8
P-1486	127.09	12	262.8	262.8
P-1465	1737.08	12	263.2	263.2
P-1786	548.34	12	-265.7	265.7
P-172	386.34	12	270.2	270.2
P-187	277.8	12	276.1	276.1
P-544	429.39	12	277	277
P-2352	1653.13	12	-281.9	281.9
P-2390	63.5	12	282.2	282.2
P-32	463.66	12	285	285
P-1573	2408.01	12	285.3	285.3
P-1711	234.3	12	-285.3	285.3
P-108	18.27	12	-287.9	287.9
P-176	39.53	12	-289.1	289.1
P-25	1384.51	12	-289.1	289.1
P-875	95.5	12	297.4	297.4
P-8	536.58	12	-300	300
P-131	1051.6	12	301.3	301.3
P-906	138.33	12	301.3	301.3
P-527	100.77	12	309	309
P-950	349.81	12	315.8	315.8
P-2184	4.66	12	-324	324
P-30	169.49	12	326	326
P-399	167.43	12	326.2	326.2
P-406	216.76	12	326.2	326.2
P-1784	91.85	12	-327.7	327.7
P-918	274.42	12	-327.7	327.7
P-948	70.22	12	331.6	331.6
P-942	693.51	12	332.3	332.3
P-98	1031.18	12	-335	335
P-11	2147.03	12	339	339
P-188	280.08	12	339	339
P-192	296.49	12	339	339
P-408	638.89	12	339	339
P-100	635.62	12	356.2	356.2
P-178	241.63	12	356.2	356.2
P-92	318.81	12	-363.9	363.9
P-944	262.23	12	384.1	384.1
P-1489	291.59	12	386.8	386.8
P-945	456.05	12	386.8	386.8

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-33	272.59		12	389.5	389.5
P-713	503.96		12	400	400
P-339	131.7		12	403	403
P-23	784.66		12	418.4	418.4
P-341	401.34		12	418.4	418.4
P-96	688.15		12	418.4	418.4
P-41	380.61		12	419.4	419.4
P-924	187.75		12	-426	426
P-2186	999.82		12	437.6	437.6
P-1669	741.69		12	442.2	442.2
P-18	226.84		12	455	455
P-1682	78.6		12	-463.8	463.8
P-2181	8.21		12	-481.6	481.6
P-155	14.89		12	505	505
P-842	743.22		12	508.6	508.6
P-107	53.84		12	511.2	511.2
P-1679	167.33		12	-534.1	534.1
P-37	48.53		12	-571.9	571.9
P-314	104.58		12	-608.1	608.1
P-83	448.41		12	-608.1	608.1
P-881	487.57		12	628.4	628.4
P-1603	634.72		12	-641.5	641.5
P-471	1036.45		12	705	705
P-879	223.32		12	705	705
P-139	19.99		12	729.3	729.3
P-141	522.59		12	729.3	729.3
P-43	74.05		12	729.3	729.3
P-312	254		12	-753.4	753.4
P-34	54.22		12	-753.4	753.4
P-717	795.66		12	-753.4	753.4
P-90	1182.76		12	-753.4	753.4
P-105	619.34		12	-775.5	775.5
P-265	1088.94		12	-812.4	812.4
P-720	514.94		12	-827.3	827.3
P-138	365.36		12	869	869
P-152	473.76		12	869	869
P-2187	14.77		12	919.2	919.2
P-2185	308.7		12	-1491.1	1491.1
P-1219	13.63		12	2714.7	2714.7
P-2128	57.71		12	2714.7	2714.7
		30.86			
P-492	25.68		14	-32.5	32.5
P-491	108.76		14	-62.7	62.7
P-488	34.63		14	-95.2	95.2
P-832	1		14	-95.2	95.2
P-489	16.13		14	100	100
P-493	42.8		14	121.1	121.1
P-831	1		14	-121.1	121.1
P-2170	708.61		14	157.1	157.1
P-483	517.51		14	159.1	159.1
P-490	80.29		14	-162.7	162.7
P-2173	14.67		14	186.2	186.2

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-482	522.69		14	192.2	192.2
P-691	451.43		14	214	214
P-836	726.9		14	-216.3	216.3
P-498	746.72		14	218.9	218.9
P-841	1846.91		14	221.2	221.2
P-632	600.2		14	225.5	225.5
P-2399	236.87		14	-258	258
P-623	1088.27		14	-258	258
P-502	1105.25		14	-273.4	273.4
P-689	477.33		14	294.4	294.4
P-2130	481.89		14	-344.2	344.2
P-2219	216.24		14	347.7	347.7
P-634	511.26		14	347.7	347.7
P-642	492.03		14	372.6	372.6
P-647	481.61		14	378.3	378.3
P-847	372.33		14	379	379
P-1066	72.04		14	387.1	387.1
P-2221	406.05		14	387.1	387.1
P-678	142.49		14	387.1	387.1
P-1382	21.21		14	390.6	390.6
P-637	435.22		14	390.6	390.6
P-639	451.94		14	395.3	395.3
P-650	456.86		14	407	407
P-503	550.93		14	430.5	430.5
P-531	317.78		14	439.2	439.2
		2.80			
P-7	434.88		16	60.5	60.5
P-10	1183.73		16	239.5	239.5
P-901	400.45		16	239.5	239.5
P-2177	147.09		16	300	300
P-2285	4069.83		16	300	300
P-45	90.44		16	300	300
P-46	1721.77		16	300	300
P-956	3525.02		16	-345.7	345.7
P-1678	20.91		16	-379.9	379.9
P-1901	32.56		16	-547.2	547.2
P-6	3909.42		16	578.4	578.4
P-2386	1688.27		16	639	639
P-5	956.29		16	639	639
P-1283	97.86		16	641.5	641.5
P-2406	20.41		16	641.5	641.5
P-1174	826.38		16	-661.4	661.4
P-1206	670.74		16	-664.8	664.8
P-913	585.68		16	-677.2	677.2
P-1178	1123.46		16	-681.8	681.8
P-1207	253.98		16	-695.4	695.4
P-1181	615.08		16	-760.4	760.4
P-952	746.31		16	1142.5	1142.5
P-969	508.63		16	1142.5	1142.5
P-1677	293.4		16	-1453.8	1453.8
P-1345	659.23		16	-1485.9	1485.9
P-1627	16.74		16	-1485.9	1485.9

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-955	46.94		16	1488.2	1488.2
P-1623	309.41		16	-1555	1555
P-1625	59.85		16	-1555	1555
P-1661	789.23		16	-1555	1555
P-1375	892.97		16	-1642	1642
P-1362	1602.46		16	-1652.2	1652.2
P-1353	272.39		16	-1691.4	1691.4
P-1670	258.35		16	-1833.7	1833.7
P-1672	765.35		16	-1833.7	1833.7
P-1674	270.98		16	-1833.7	1833.7
P-201	2405.69		16	1847.1	1847.1
P-2154	1977.31		16	1847.1	1847.1
P-2159	6409.26		16	1847.1	1847.1
P-912	136.65		16	1847.1	1847.1
P-941	169.43		16	-1887.3	1887.3
P-1172	1283.34		16	1900	1900
P-2157	3002.84		16	1900	1900
P-2158	1507.9		16	1900	1900
P-1589	1006.65		16	-1939.7	1939.7
P-951	549.75		16	1939.7	1939.7
P-953	726.66		16	1939.7	1939.7
P-966	578.36		16	1939.7	1939.7
P-1667	298.83		16	-1997.2	1997.2
P-1681	1198.39		16	-2001	2001
P-922	685.04		16	-2073.2	2073.2
P-1904	754.67		16	-2083.1	2083.1
P-1792	1060.9		16	-2107.8	2107.8
P-1795	595.92		16	-2116.2	2116.2
P-919	686		16	-2180	2180
P-1317	383.44		16	-2213.9	2213.9
P-1608	14.17		16	-2213.9	2213.9
P-1610	311.12		16	-2213.9	2213.9
		10.53			
P-487	1616.5		20	77.9	77.9
P-497	1322.85		20	-140.9	140.9
P-833	1		20	140.9	140.9
P-485	11.62		20	192.2	192.2
P-486	559.01		20	273.4	273.4
P-484	39.59		20	351.3	351.3
P-2332	1021.62		20	728.4	728.4
P-2334	1006.48		20	728.4	728.4
P-1257	940.11		20	760.4	760.4
P-2338	478.67		20	760.4	760.4
P-2339	259.01		20	760.4	760.4
P-970	1227.11		20	856.8	856.8
P-991	1463.4		20	856.8	856.8
P-1116	3554.99		20	1139.6	1139.6
P-1164	1054.44		20	1139.6	1139.6
P-125	462.08		20	1139.6	1139.6
P-2119	425.49		20	-1139.6	1139.6
P-2163	3977.54		20	1139.6	1139.6
P-2165	2247.32		20	-1139.6	1139.6

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-2162	2569.32		20	-1204.6	1204.6
P-4	113.51		20	1625	1625
P-2	1410.89		20	2264	2264
P-59	4245.09		20	2288.9	2288.9
P-231	1235.71		20	2359.3	2359.3
P-82	1963.43		20	2404.1	2404.1
P-149	905.6		20	2414	2414
P-47	5229.52		20	2414	2414
P-2357	741.86		20	2562.3	2562.3
P-36	964.5		20	2562.3	2562.3
P-501	809.2		20	2562.3	2562.3
P-850	5407.33		20	2714.7	2714.7
P-2199	10.19		20	4053.3	4053.3
P-2200	29.13		20	-4053.3	4053.3
P-835	268.48		20	4053.3	4053.3
		9.01			
P-122	2119.01		24	-1228.8	1228.8
P-476	56.29		24	1324.2	1324.2
P-957	156.35		24	-2175	2175
P-2313	2306.52		24	2493.5	2493.5
P-481	508.25		24	2493.5	2493.5
P-862	1531.04		24	2493.5	2493.5
P-477	17.08		24	2652.6	2652.6
P-2225	209.58		24	2844.8	2844.8
P-478	2000.02		24	2844.8	2844.8
P-1059	4086.74		24	3403.8	3403.8
P-1127	1896.11		24	3403.8	3403.8
P-1139	4114.69		24	3585	3585
P-119	15.99		24	-3623.4	3623.4
P-2189	793.81		24	3623.4	3623.4
P-2223	15387.25		24	3623.4	3623.4
P-2256	2734.03		24	3623.4	3623.4
P-907	2809.48		24	3623.4	3623.4
		7.72			
P-480	48.8		30	321.2	321.2
P-479	45.09		30	-1520.6	1520.6
P-473	3018.92		30	1841.8	1841.8
P-117	221.84		30	3623.4	3623.4
P-2192	14.46		30	3623.4	3623.4
P-2195	14.96		30	3623.4	3623.4
P-2207	14		30	6026.2	6026.2
P-2208	14		30	6026.2	6026.2
		0.64			
P-463	19.53		36	-451.8	451.8
P-467	195.18		36	650.5	650.5
P-829	1		36	-650.5	650.5
P-468	111.09		36	880.3	880.3
P-830	1		36	-880.3	880.3
P-834	291.19		36	1530.8	1530.8
P-466	17.22		36	5263	5263
P-2397	3442.22		36	5584.2	5584.2
P-474	1066.66		36	5584.2	5584.2

KYPipe Output
Sorted List of All Pipes That Jointly Serve Wholesale Customers

P-469	95.25		36	-5917.1	5917.1
P-121	3.5		36	-6026.2	6026.2
P-2209	10.08		36	-6026.2	6026.2
P-462	77.4		36	6135.3	6135.3
P-2205	23.49		36	-12052.4	12052.4
		1.01			
P-470	553.02		42	5465.2	5465.2
		0.10			
P-851	12.6		48	-451.8	451.8
P-475	17.38		48	5263	5263
P-465	48.01		48	6135.3	6135.3
P-464	607.71		48	6587.2	6587.2
P-472	2439.13		48	6587.2	6587.2
		0.59			

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

RESULTS OBTAINED AFTER 21 TRIALS: ACCURACY = 0.00076

S I M U L A T I O N D E S C R I P T I O N (L A B E L)

P I P E L I N E R E S U L T S

STATUS CODE: XX -CLOSED PIPE CV -CHECK VALVE

P I P E N A M E	N O D E N U M B E R S #1 #2	F L O W R A T E (gpm)	H E A D L O S S (ft)	M I N O R L O S S (ft)	L I N E V E L O . (ft/s)	H L + M L / 1 0 0 0 (ft/ft)	H L / 1 0 0 0 (ft/ft)
P-1	J-891 J-924	0.00	0.00	0.00	0.00	0.00	0.00
P-10	J-10 J-729	239.45	0.10	0.00	0.38	0.09	0.09
P-100	J-92 J-29	356.24	0.48	0.00	1.01	0.75	0.75
P-1000	J-808 J-805	0.00	0.00	0.00	0.00	0.00	0.00
P-1001	J-811 J-808	197.53	0.02	0.00	0.56	0.25	0.25
P-1002	O-P-Jett J-684	0.00	0.00	0.00	0.00	0.00	0.00
P-1003	J-815 J-1762	57.67	0.02	0.00	0.16	0.03	0.03
P-1004	O-RV-1 J-810	0.00	0.00	0.00	0.00	0.00	0.00
P-1005	J-1293 J-811	139.86	0.03	0.00	0.40	0.13	0.13
P-1006	J-1785 J-813	144.41	0.43	0.00	0.84	0.49	0.49
P-1007	J-110 J-812	89.20	0.01	0.00	0.25	0.06	0.06
P-1008	J-812 J-815	57.67	0.02	0.00	0.16	0.03	0.03
P-1009	J-815 I-P-Jett	0.00	0.00	0.00	0.00	0.00	0.00
P-101	J-92 J-285	0.00	0.00	0.00	0.00	0.00	0.00
P-1010	J-823 J-814	75.29	0.03	0.00	0.21	0.04	0.04
P-1011	J-814 J-821	0.00	0.00	0.00	0.00	0.00	0.00
P-1012	J-816 J-817	0.00	0.00	0.00	0.00	0.00	0.00
P-1013	J-816 J-818	0.00	0.00	0.00	0.00	0.00	0.00
P-1014	J-818 J-819	0.00	0.00	0.00	0.00	0.00	0.00
P-1015	J-818 J-820	0.00	0.00	0.00	0.00	0.00	0.00
P-1016	J-821 J-816	0.00	0.00	0.00	0.00	0.00	0.00
P-1017	J-821 J-822	0.00	0.00	0.00	0.00	0.00	0.00
P-1018	J-833 J-823	67.87	0.02	0.00	0.19	0.03	0.03
P-1019	J-825 J-823	7.42	0.01	0.00	0.08	0.02	0.02
P-102	J-93 J-94	0.00	0.00	0.00	0.00	0.00	0.00
P-1020	J-825 J-824	0.00	0.00	0.00	0.00	0.00	0.00
P-1021	J-831 J-825	7.42	0.02	0.00	0.08	0.02	0.02
P-1022	J-837 J-826	28.19	0.00	0.00	0.08	0.01	0.01
P-1023	J-826 J-827	4.21	0.01	0.00	0.05	0.01	0.01
P-1024	J-828 J-827	0.23	0.00	0.00	0.00	0.00	0.00
P-1025	J-826 J-828	39.49	0.01	0.00	0.11	0.01	0.01
P-1026	J-827 J-829	4.45	0.01	0.00	0.05	0.01	0.01
P-1027	J-830 J-829	2.14	0.00	0.00	0.02	0.00	0.00
P-1028	J-828 J-830	39.26	0.00	0.00	0.11	0.01	0.01
P-1029	J-829 J-831	6.58	0.00	0.00	0.07	0.01	0.01
P-103	J-93 J-96	0.00	0.00	0.00	0.00	0.00	0.00
P-1030	J-832 J-831	0.84	0.00	0.00	0.01	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-1031	J-830	J-832	48.79	0.01	0.00	0.14	0.02	0.02
P-1032	J-834	J-830	11.67	0.01	0.00	0.13	0.04	0.04
P-1033	J-832	J-833	47.95	0.01	0.00	0.14	0.02	0.02
P-1034	J-838	J-834	2.61	0.00	0.00	0.03	0.00	0.00
P-1035	J-835	J-834	9.06	0.02	0.00	0.10	0.02	0.02
P-1036	J-835	J-826	15.52	0.02	0.00	0.18	0.07	0.07
P-1037	J-836	J-835	24.58	0.04	0.00	0.28	0.15	0.15
P-1038	J-837	J-1045	0.00	0.00	0.00	0.00	0.00	0.00
P-1039	J-836	J-837	28.19	0.06	0.00	0.32	0.20	0.20
P-104	J-96	J-93	0.00	0.00	0.00	0.00	0.00	0.00
P-1040	J-839	J-836	52.77	0.09	0.00	0.60	0.64	0.64
P-1041	J-838	J-833	19.91	0.03	0.00	0.23	0.10	0.10
P-1042	J-839	J-838	22.52	0.15	0.00	0.26	0.13	0.13
P-1043	J-840	J-839	75.29	5.76	0.00	0.85	1.23	1.23
P-1044	J-841	J-840	38.49	1.25	0.00	0.44	0.36	0.36
P-1045	J-845	J-840	36.80	0.01	0.00	0.10	0.01	0.01
P-1046	J-843	J-845	0.00	0.00	0.00	0.00	0.00	0.00
P-1047	J-851	J-845	36.80	0.00	0.00	0.10	0.01	0.01
P-1048	J-842	J-844	0.00	0.00	0.00	0.00	0.00	0.00
P-1049	J-852	J-842	133.18	0.12	0.00	0.35	0.06	0.06
P-105	J-239	J-95	775.54	1.96	0.00	2.20	3.16	3.16
P-1050	J-846	J-847	0.00	0.00	0.00	0.00	0.00	0.00
P-1051	J-847	J-848	48.03	0.04	0.00	0.28	0.06	0.06
P-1052	J-848	J-849	0.00	0.00	0.00	0.00	0.00	0.00
P-1053	J-848	J-851	48.03	0.07	0.00	0.28	0.06	0.06
P-1054	J-851	J-850	11.23	0.00	0.00	0.03	0.00	0.00
P-1055	J-850	J-842	11.23	0.00	0.00	0.03	0.00	0.00
P-1056	J-850	J-853	0.00	0.00	0.00	0.00	0.00	0.00
P-1057	J-852	J-847	48.03	0.01	0.00	0.13	0.01	0.01
P-1058	J-854	J-852	181.21	0.07	0.00	0.48	0.11	0.11
P-1059	J-854	J-915	3403.75	3.45	0.00	2.24	0.84	0.84
P-106	J-95	J-98	167.44	1.23	0.00	1.07	1.33	1.33
P-1060	J-842	J-855	144.41	1.07	0.00	0.92	1.01	1.01
P-1061	J-855	J-856	0.00	0.00	0.00	0.00	0.00	0.00
P-1062	J-855	J-858	144.41	0.20	0.00	0.84	0.49	0.49
P-1063	J-858	J-859	144.41	1.47	0.00	1.64	4.11	4.11
P-1064	J-859	J-857	0.00	0.00	0.00	0.00	0.00	0.00
P-1065	J-859	J-1915	144.41	1.70	0.00	1.64	4.11	4.11
P-1066	J-860	J-1831	387.09	0.03	0.00	0.81	0.41	0.41
P-1067	J-813	J-861	36.08	0.06	0.00	0.21	0.04	0.04
P-1068	J-808	J-863	197.53	0.20	0.00	0.56	0.25	0.25
P-1069	J-862	J-863	36.08	0.00	0.00	0.41	0.13	0.13
P-107	J-97	T-127	511.21	0.08	0.00	1.45	1.46	1.46
P-1070	J-865	J-862	36.08	0.22	0.00	0.41	0.13	0.13
P-1071	J-812	J-864	31.53	0.01	0.00	0.09	0.01	0.01
P-1072	J-864	J-866	0.00	0.00	0.00	0.00	0.00	0.00
P-1073	J-809	J-867	0.00	0.00	0.00	0.00	0.00	0.00
P-1074	J-809	J-868	0.00	0.00	0.00	0.00	0.00	0.00
P-1075	J-868	J-869	0.00	0.00	0.00	0.00	0.00	0.00
P-1076	J-868	J-1951	0.00	0.00	0.00	0.00	0.00	0.00
P-1077	J-871	J-870	0.00	0.00	0.00	0.00	0.00	0.00
P-1078	J-871	J-872	0.00	0.00	0.00	0.00	0.00	0.00
P-1079	J-872	J-874	0.00	0.00	0.00	0.00	0.00	0.00
P-108	J-103	J-97	287.85	0.01	0.00	0.82	0.50	0.50
P-1080	J-870	J-877	0.00	0.00	0.00	0.00	0.00	0.00
P-1081	J-873	J-875	0.00	0.00	0.00	0.00	0.00	0.00
P-1082	J-873	J-876	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-1083	J-877	J-873	0.00	0.00	0.00	0.00	0.00	0.00
P-1084	J-877	J-878	0.00	0.00	0.00	0.00	0.00	0.00
P-1085	J-878	J-1953	0.00	0.00	0.00	0.00	0.00	0.00
P-1086	J-880	J-879	0.00	0.00	0.00	0.00	0.00	0.00
P-1087	J-880	J-2003	0.00	0.00	0.00	0.00	0.00	0.00
P-1088	J-882	J-880	0.00	0.00	0.00	0.00	0.00	0.00
P-1089	J-882	J-884	0.00	0.00	0.00	0.00	0.00	0.00
P-109	J-100	J-99	0.00	0.00	0.00	0.00	0.00	0.00
P-1090	J-884	J-883	0.00	0.00	0.00	0.00	0.00	0.00
P-1091	J-884	J-885	0.00	0.00	0.00	0.00	0.00	0.00
P-1092	J-885	T-Rose	0.00	0.00	0.00	0.00	0.00	0.00
P-1093	J-885	J-886	0.00	0.00	0.00	0.00	0.00	0.00
P-1094	J-886	J-895	0.00	0.00	0.00	0.00	0.00	0.00
P-1095	J-881	J-709	0.00	0.00	0.00	0.00	0.00	0.00
P-1096	J-887	J-888	0.00	0.00	0.00	0.00	0.00	0.00
P-1097	J-889	J-1955	0.00	0.00	0.00	0.00	0.00	0.00
P-1098	J-889	J-107	0.00	0.00	0.00	0.00	0.00	0.00
P-1099	J-890	J-892	0.00	0.00	0.00	0.00	0.00	0.00
P-11	J-10	J-345	338.99	1.47	0.00	0.96	0.68	0.68
P-110	J-100	J-101	0.00	0.00	0.00	0.00	0.00	0.00
P-1100	J-892	J-893	0.00	0.00	0.00	0.00	0.00	0.00
P-1101	J-892	J-895	0.00	0.00	0.00	0.00	0.00	0.00
P-1102	J-895	I-RV-3	0.00	0.00	0.00	0.00	0.00	0.00
P-1103	J-890	J-894	0.00	0.00	0.00	0.00	0.00	0.00
P-1104	J-894	J-896	0.00	0.00	0.00	0.00	0.00	0.00
P-1105	J-894	J-914	0.00	0.00	0.00	0.00	0.00	0.00
P-1106	J-898	J-897	0.00	0.00	0.00	0.00	0.00	0.00
P-1107	J-898	J-900	0.00	0.00	0.00	0.00	0.00	0.00
P-1108	J-900	J-899	0.00	0.00	0.00	0.00	0.00	0.00
P-1109	J-900	J-902	0.00	0.00	0.00	0.00	0.00	0.00
P-111	J-102	J-100	0.00	0.00	0.00	0.00	0.00	0.00
P-1110	J-890	J-901	0.00	0.00	0.00	0.00	0.00	0.00
P-1111	J-901	J-903	0.00	0.00	0.00	0.00	0.00	0.00
P-1112	J-901	J-905	0.00	0.00	0.00	0.00	0.00	0.00
P-1113	J-905	J-909	0.00	0.00	0.00	0.00	0.00	0.00
P-1114	J-905	J-906	0.00	0.00	0.00	0.00	0.00	0.00
P-1115	J-906	J-948	0.00	0.00	0.00	0.00	0.00	0.00
P-1116	J-904	J-1788	1139.56	0.96	0.00	1.08	0.27	0.27
P-1117	J-948	J-910	0.00	0.00	0.00	0.00	0.00	0.00
P-1118	J-908	J-910	0.00	0.00	0.00	0.00	0.00	0.00
P-1119	J-1789	I-RV-1	0.00	0.00	0.00	0.00	0.00	0.00
P-112	J-104	J-103	287.85	1.44	0.00	1.84	3.64	3.64
P-1120	J-909	J-910	0.00	0.00	0.00	0.00	0.00	0.00
P-1121	J-909	J-911	0.00	0.00	0.00	0.00	0.00	0.00
P-1122	J-911	I-RV-4	0.00	0.00	0.00	0.00	0.00	0.00
P-1123	J-912	J-913	0.00	0.00	0.00	0.00	0.00	0.00
P-1124	J-914	J-898	0.00	0.00	0.00	0.00	0.00	0.00
P-1125	J-914O-Pump-Mil		0.00	0.00	0.00	0.00	0.00	0.00
P-1126	I-Pump-Mil	J-891	0.00	0.00	0.00	0.00	0.00	0.00
P-1127	J-915	J-776	3403.75	1.60	0.00	2.24	0.84	0.84
P-1128	J-915	J-918	0.00	0.00	0.00	0.00	0.00	0.00
P-1129	J-918	J-917	0.00	0.00	0.00	0.00	0.00	0.00
P-113	J-104	J-102	0.00	0.00	0.00	0.00	0.00	0.00
P-1130	J-918	J-919	0.00	0.00	0.00	0.00	0.00	0.00
P-1131	J-919	J-1397	0.00	0.00	0.00	0.00	0.00	0.00
P-1132	J-917	J-920	0.00	0.00	0.00	0.00	0.00	0.00
P-1133	J-920	J-921	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-1134	J-921	I-RV-2	0.00	0.00	0.00	0.00	0.00	0.00
P-1135	O-RV-2	J-923	0.00	0.00	0.00	0.00	0.00	0.00
P-1136	J-923	J-891	0.00	0.00	0.00	0.00	0.00	0.00
P-1137	J-924	J-810	0.00	0.00	0.00	0.00	0.00	0.00
P-1138	J-926	J-841	38.49	2.76	0.00	0.95	1.10	1.10
P-1139	J-926	J-854	3584.96	3.82	0.00	2.36	0.93	0.93
P-114	J-259	J-104	287.85	3.79	0.00	1.84	3.64	3.64
P-1140	J-922	J-1851	0.00	0.00	0.00	0.00	0.00	0.00
P-1141	J-922	J-1933	0.00	0.00	0.00	0.00	0.00	0.00
P-1142	J-928	J-927	0.00	0.00	0.00	0.00	0.00	0.00
P-1143	J-929	J-928	0.00	0.00	0.00	0.00	0.00	0.00
P-1144	J-929	J-934	0.00	0.00	0.00	0.00	0.00	0.00
P-1145	J-931	J-930	0.00	0.00	0.00	0.00	0.00	0.00
P-1146	J-931	J-933	0.00	0.00	0.00	0.00	0.00	0.00
P-1147	J-933	J-932	0.00	0.00	0.00	0.00	0.00	0.00
P-1148	J-933	J-935	0.00	0.00	0.00	0.00	0.00	0.00
P-1149	J-935	J-936	0.00	0.00	0.00	0.00	0.00	0.00
P-115	J-105	J-1254	223.36	0.13	0.00	0.63	0.32	0.32
P-1150	J-934	J-931	0.00	0.00	0.00	0.00	0.00	0.00
P-1151	J-934	J-936	0.00	0.00	0.00	0.00	0.00	0.00
P-1152	J-936	J-929	0.00	0.00	0.00	0.00	0.00	0.00
P-1153	J-937	J-939	0.00	0.00	0.00	0.00	0.00	0.00
P-1154	J-939	J-935	0.00	0.00	0.00	0.00	0.00	0.00
P-1155	J-938	J-939	0.00	0.00	0.00	0.00	0.00	0.00
P-1156	J-938	J-940	0.00	0.00	0.00	0.00	0.00	0.00
P-1157	J-941	J-938	0.00	0.00	0.00	0.00	0.00	0.00
P-1158	J-941	J-943	0.00	0.00	0.00	0.00	0.00	0.00
P-1159	J-942	J-941	0.00	0.00	0.00	0.00	0.00	0.00
P-116	J-105	J-372	102.67	0.43	0.00	0.66	0.54	0.54
P-1160	J-942	J-944	0.00	0.00	0.00	0.00	0.00	0.00
P-1161	J-945	J-942	0.00	0.00	0.00	0.00	0.00	0.00
P-1162	J-945	J-947	0.00	0.00	0.00	0.00	0.00	0.00
P-1163	J-809	J-108	0.00	0.00	0.00	0.00	0.00	0.00
P-1164	J-946	J-1790	1139.56	0.29	0.00	1.08	0.27	0.27
P-1165	J-907	J-1786	52.87	17.07	0.00	1.30	1.98	1.98
P-1166	J-112	J-907	34.58	0.00	0.00	0.10	0.01	0.01
P-1167	J-951	J-953	0.00	0.00	0.00	0.00	0.00	0.00
P-1168	J-953	J-952	0.00	0.00	0.00	0.00	0.00	0.00
P-1169	J-953	J-1792	0.00	0.00	0.00	0.00	0.00	0.00
P-117	J-400	J-1812	3623.45	0.07	0.00	1.53	0.32	0.32
P-1170	J-955	J-957	0.00	0.00	0.00	0.00	0.00	0.00
P-1171	J-1786	J-954	52.87	4.07	0.00	1.30	1.98	1.98
P-1172	J-957	J-1782	1900.00	2.66	0.00	2.82	2.07	2.07
P-1173	J-954	J-957	52.87	0.35	0.00	1.30	1.98	1.98
P-1174	J-960	J-956	661.44	0.24	0.00	0.98	0.29	0.29
P-1175	J-958	J-956	7.86	0.00	0.00	0.19	0.06	0.06
P-1176	J-958	J-956	7.86	0.00	0.00	0.19	0.06	0.06
P-1177	J-959	J-958	18.45	0.23	0.00	0.45	0.28	0.28
P-1178	J-984	J-960	681.85	0.69	0.00	1.09	0.61	0.61
P-1179	J-1012	J-958	15.56	0.12	0.00	0.38	0.21	0.21
P-118	J-115	J-114	36.99	0.24	0.00	0.24	0.08	0.08
P-1180	J-960	J-959	20.41	0.01	0.00	0.50	0.34	0.34
P-1181	J-1928	J-961	760.44	0.46	0.00	1.21	0.75	0.75
P-1182	J-961	J-963	95.66	0.08	0.00	0.61	0.47	0.47
P-1183	J-963	J-962	61.60	0.09	0.00	0.39	0.21	0.21
P-1184	J-962	J-1858	42.34	0.11	0.00	0.27	0.10	0.10
P-1185	J-962	J-964	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-1186	J-962	J-970	19.26	0.03	0.00	0.22	0.10	0.10
P-1187	J-963	J-966	34.06	0.20	0.00	0.22	0.07	0.07
P-1188	J-965	J-966	19.26	0.02	0.00	0.22	0.10	0.10
P-1189	J-965	J-967	0.00	0.00	0.00	0.00	0.00	0.00
P-119	J-1810	J-1809	3623.45	0.02	0.00	2.38	0.95	0.95
P-1190	J-968	J-965	19.26	0.03	0.00	0.22	0.10	0.10
P-1191	J-968	J-969	0.00	0.00	0.00	0.00	0.00	0.00
P-1192	J-970	J-968	19.26	0.03	0.00	0.22	0.10	0.10
P-1193	J-970	J-971	0.00	0.00	0.00	0.00	0.00	0.00
P-1194	J-973	J-972	64.99	0.04	0.00	0.38	0.11	0.11
P-1195	J-975	J-973	64.99	0.18	0.00	0.41	0.23	0.23
P-1196	J-973	J-976	0.00	0.00	0.00	0.00	0.00	0.00
P-1197	J-974	J-975	64.99	0.18	0.00	0.41	0.23	0.23
P-1198	J-975	J-977	0.00	0.00	0.00	0.00	0.00	0.00
P-1199	J-1858	J-974	95.66	0.09	0.00	0.56	0.23	0.23
P-12	J-11	J-12	0.00	0.00	0.00	0.00	0.00	0.00
P-120	J-108	J-684	0.00	0.00	0.00	0.00	0.00	0.00
P-1200	J-974	J-979	30.67	0.02	0.00	0.20	0.06	0.06
P-1201	J-979	J-982	21.18	0.01	0.00	0.14	0.03	0.03
P-1202	J-979	J-982	9.49	0.01	0.00	0.06	0.00	0.00
P-1203	J-982	J-980	30.67	0.00	0.00	0.20	0.06	0.06
P-1204	J-954	J-1781	0.00	0.00	0.00	0.00	0.00	0.00
P-1205	J-980	J-981	30.67	0.00	0.00	0.08	0.00	0.00
P-1206	J-961	J-981	664.78	0.39	0.00	1.06	0.59	0.59
P-1207	J-981	J-984	695.45	0.16	0.00	1.11	0.64	0.64
P-1208	J-984	J-985	13.60	0.00	0.00	0.04	0.00	0.00
P-1209	J-985	J-992	13.60	0.00	0.00	0.15	0.02	0.02
P-121	J-1823	J-1819	6026.23	0.00	0.00	1.78	0.35	0.35
P-1210	J-985	J-987	0.00	0.00	0.00	0.00	0.00	0.00
P-1211	J-986	J-988	13.60	0.69	0.00	0.57	0.59	0.59
P-1212	J-986	J-989	0.00	0.00	0.00	0.00	0.00	0.00
P-1213	J-959	J-988	1.96	0.00	0.00	0.05	0.00	0.00
P-1214	J-990	J-992	0.00	0.00	0.00	0.00	0.00	0.00
P-1215	J-992	J-986	13.60	0.01	0.00	0.15	0.02	0.02
P-1216	J-987	J-996	0.00	0.00	0.00	0.00	0.00	0.00
P-1217	J-993	J-987	0.00	0.00	0.00	0.00	0.00	0.00
P-1218	J-995	J-993	0.00	0.00	0.00	0.00	0.00	0.00
P-1219	J-682	I-P-G5	2714.70	0.22	0.00	7.14	16.22	16.22
P-122	J-776	J-110	1228.76	0.26	0.00	0.81	0.12	0.12
P-1220	J-996	J-1001	0.00	0.00	0.00	0.00	0.00	0.00
P-1221	J-1003	J-996	0.00	0.00	0.00	0.00	0.00	0.00
P-1222	J-997	J-998	0.00	0.00	0.00	0.00	0.00	0.00
P-1223	J-997	J-999	0.00	0.00	0.00	0.00	0.00	0.00
P-1224	J-999	J-1000	0.00	0.00	0.00	0.00	0.00	0.00
P-1225	J-1001	J-991	0.00	0.00	0.00	0.00	0.00	0.00
P-1226	J-1001	J-1000	0.00	0.00	0.00	0.00	0.00	0.00
P-1227	J-1000	J-1003	0.00	0.00	0.00	0.00	0.00	0.00
P-1228	J-1003	J-1006	0.00	0.00	0.00	0.00	0.00	0.00
P-1229	J-999	J-1002	0.00	0.00	0.00	0.00	0.00	0.00
P-123	J-114	J-40	0.00	0.00	0.00	0.00	0.00	0.00
P-1230	J-1004	J-997	0.00	0.00	0.00	0.00	0.00	0.00
P-1231	J-1004	J-1002	0.00	0.00	0.00	0.00	0.00	0.00
P-1232	J-1002	J-1011	0.00	0.00	0.00	0.00	0.00	0.00
P-1233	J-1006	J-1007	0.00	0.00	0.00	0.00	0.00	0.00
P-1234	J-1005	J-1004	0.00	0.00	0.00	0.00	0.00	0.00
P-1235	J-1005	J-1010	0.00	0.00	0.00	0.00	0.00	0.00
P-1236	J-1007	J-1009	0.00	0.00	0.00	0.00	0.00	0.00

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P-1237	J-1008	J-1007	0.00	0.00	0.00	0.00	0.00	0.00
P-1238	J-1009	J-1005	0.00	0.00	0.00	0.00	0.00	0.00
P-1239	J-1010	J-1008	0.00	0.00	0.00	0.00	0.00	0.00
P-124	J-109	J-114	22.89	0.02	0.00	0.15	0.03	0.03
P-1240	J-1009	J-1010	0.00	0.00	0.00	0.00	0.00	0.00
P-1241	J-1011	J-1006	0.00	0.00	0.00	0.00	0.00	0.00
P-1242	J-1010	J-1011	0.00	0.00	0.00	0.00	0.00	0.00
P-1243	J-988	J-1012	15.56	0.11	0.00	0.38	0.21	0.21
P-1244	J-1012	J-1014	0.00	0.00	0.00	0.00	0.00	0.00
P-1245	J-1013	J-945	0.00	0.00	0.00	0.00	0.00	0.00
P-1246	J-1013	J-1016	0.00	0.00	0.00	0.00	0.00	0.00
P-1247	J-1015	J-1013	0.00	0.00	0.00	0.00	0.00	0.00
P-1248	J-1015	J-1018	0.00	0.00	0.00	0.00	0.00	0.00
P-1249	J-1922	J-1017	128.41	0.17	0.00	0.36	0.11	0.11
P-125	J-110	J-904	1139.56	0.12	0.00	1.08	0.27	0.27
P-1250	J-1017	J-1019	0.00	0.00	0.00	0.00	0.00	0.00
P-1251	J-1019	J-1020	0.00	0.00	0.00	0.00	0.00	0.00
P-1252	J-1019	J-1022	0.00	0.00	0.00	0.00	0.00	0.00
P-1253	J-1017	J-1021	128.41	0.03	0.00	0.36	0.11	0.11
P-1254	J-1021	J-1023	0.00	0.00	0.00	0.00	0.00	0.00
P-1255	J-1023	J-1024	0.00	0.00	0.00	0.00	0.00	0.00
P-1256	J-1927	J-1026	0.00	0.00	0.00	0.00	0.00	0.00
P-1257	J-1924	J-1025	760.44	0.12	0.00	0.72	0.13	0.13
P-1258	J-1026	J-1027	0.00	0.00	0.00	0.00	0.00	0.00
P-1259	J-780	J-1028	96.38	0.04	0.00	0.27	0.07	0.07
P-126	J-115	J-109	65.67	0.22	0.00	0.42	0.24	0.24
P-1260	J-1028	J-1029	0.00	0.00	0.00	0.00	0.00	0.00
P-1261	J-1031	J-775	0.00	0.00	0.00	0.00	0.00	0.00
P-1262	J-1030	J-1307	6.06	0.00	0.00	0.07	0.01	0.01
P-1263	J-1032	J-1030	7.50	0.00	0.00	0.09	0.02	0.02
P-1264	J-1032	J-1033	0.00	0.00	0.00	0.00	0.00	0.00
P-1265	J-1752	J-1032	7.50	0.00	0.00	0.08	0.01	0.01
P-1266	J-1034	J-1073	8.20	0.01	0.00	0.09	0.02	0.02
P-1267	J-1034	J-1035	7.50	0.00	0.00	0.09	0.02	0.02
P-1268	J-1035	J-1036	0.00	0.00	0.00	0.00	0.00	0.00
P-1269	J-1037	J-777	0.00	0.00	0.00	0.00	0.00	0.00
P-127	J-109	J-116	42.78	0.02	0.00	0.27	0.11	0.11
P-1270	J-1037	J-1039	0.00	0.00	0.00	0.00	0.00	0.00
P-1271	J-779	J-1038	96.38	0.03	0.00	0.27	0.07	0.07
P-1272	J-1038	J-1041	0.00	0.00	0.00	0.00	0.00	0.00
P-1273	J-1038	J-1040	96.38	0.04	0.00	0.27	0.07	0.07
P-1274	J-1040	J-1042	0.00	0.00	0.00	0.00	0.00	0.00
P-1275	J-1040	J-1043	96.38	0.02	0.00	0.27	0.07	0.07
P-1276	J-1043	J-1044	0.00	0.00	0.00	0.00	0.00	0.00
P-1277	J-1045	J-1050	0.00	0.00	0.00	0.00	0.00	0.00
P-1278	J-1045	J-484	0.00	0.00	0.00	0.00	0.00	0.00
P-1279	J-773	J-1046	0.00	0.00	0.00	0.00	0.00	0.00
P-128	J-116	J-118	42.78	0.05	0.00	0.27	0.11	0.11
P-1280	J-1048	J-773	0.00	0.00	0.00	0.00	0.00	0.00
P-1281	J-1048	J-1052	0.00	0.00	0.00	0.00	0.00	0.00
P-1282	J-1050	J-1048	0.00	0.00	0.00	0.00	0.00	0.00
P-1283	J-1049	J-183	641.46	0.05	0.00	1.02	0.55	0.55
P-1284	J-1051	J-1050	0.00	0.00	0.00	0.00	0.00	0.00
P-1285	J-1051	J-1053	0.00	0.00	0.00	0.00	0.00	0.00
P-1286	J-1052	J-1051	0.00	0.00	0.00	0.00	0.00	0.00
P-1287	J-1053	J-1052	0.00	0.00	0.00	0.00	0.00	0.00
P-1288	J-1053	J-1054	0.00	0.00	0.00	0.00	0.00	0.00

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P-1289	J-1045	J-1055	0.00	0.00	0.00	0.00	0.00	0.00
P-129	J-114	J-118	59.88	0.05	0.00	0.17	0.03	0.03
P-1290	J-1055	J-1058	0.00	0.00	0.00	0.00	0.00	0.00
P-1291	J-1056	J-1055	0.00	0.00	0.00	0.00	0.00	0.00
P-1292	J-1056	J-1057	0.00	0.00	0.00	0.00	0.00	0.00
P-1293	J-1058	J-1056	0.00	0.00	0.00	0.00	0.00	0.00
P-1294	J-1057	J-1058	0.00	0.00	0.00	0.00	0.00	0.00
P-1295	J-1057	J-1059	0.00	0.00	0.00	0.00	0.00	0.00
P-1296	J-1060	J-1108	0.00	0.00	0.00	0.00	0.00	0.00
P-1297	J-1389	J-1061	70.36	0.28	0.00	0.73	0.53	0.53
P-1298	J-1062	J-1061	182.83	2.93	0.00	1.89	3.08	3.08
P-1299	J-1387	J-1064	89.67	0.27	0.00	0.57	0.42	0.42
P-13	J-11	J-13	0.00	0.00	0.00	0.00	0.00	0.00
P-130	J-117	J-366	0.00	0.00	0.00	0.00	0.00	0.00
P-1300	J-1083	J-1064	123.37	4.44	0.00	1.40	3.07	3.07
P-1301	J-1065	J-1082	0.00	0.00	0.00	0.00	0.00	0.00
P-1302	J-1070	J-1065	38.30	0.44	0.00	0.43	0.35	0.35
P-1303	J-1301	J-1068	49.98	1.97	0.00	1.28	3.79	3.79
P-1304	J-1068	J-1069	40.03	1.30	0.00	1.02	2.51	2.51
P-1305	J-1070	J-1747	82.17	1.40	0.00	0.93	1.45	1.45
P-1306	J-453	J-1751	0.00	0.00	0.00	0.00	0.00	0.00
P-1307	J-1068	J-1070	9.95	0.02	0.00	0.11	0.03	0.03
P-1308	J-1074	J-1070	110.53	0.87	0.00	1.14	1.21	1.21
P-1309	J-1329	J-1074	0.00	0.00	0.00	0.00	0.00	0.00
P-131	J-119	J-732	301.31	0.58	0.00	0.85	0.55	0.55
P-1310	J-1076	J-1074	110.53	0.12	0.00	1.25	2.51	2.51
P-1311	J-1122	J-1120	172.42	3.53	0.00	1.79	2.77	2.77
P-1312	J-1302	J-771	59.59	0.02	0.00	0.16	0.01	0.01
P-1313	J-1926	J-1076	165.52	2.27	0.00	1.88	5.30	5.30
P-1314	J-1076	J-1309	54.99	0.29	0.00	0.62	0.69	0.69
P-1315	J-1078	J-1079	0.00	0.00	0.00	0.00	0.00	0.00
P-1316	J-1078	J-1080	29.64	0.24	0.00	0.34	0.22	0.22
P-1317	J-1323	J-1081	2213.88	1.05	0.00	3.28	2.75	2.75
P-1318	J-1328	J-1080	55.43	0.24	0.00	0.57	0.34	0.34
P-1319	J-1080	J-1083	85.07	0.86	0.00	0.97	1.54	1.54
P-132	J-119	J-120	118.11	0.01	0.00	0.69	0.34	0.34
P-1320	J-1065	J-1083	38.30	0.12	0.00	0.43	0.35	0.35
P-1321	J-1082	J-1066	0.00	0.00	0.00	0.00	0.00	0.00
P-1322	J-1082	J-1085	0.00	0.00	0.00	0.00	0.00	0.00
P-1323	J-1101	J-1071	126.07	0.76	0.00	0.80	0.79	0.79
P-1324	J-1084	J-1071	122.20	1.30	0.00	1.39	3.02	3.02
P-1325	J-1084	J-1087	0.00	0.00	0.00	0.00	0.00	0.00
P-1326	J-1086	J-1094	122.20	0.71	0.00	1.39	3.02	3.02
P-1327	J-1086	J-1089	0.00	0.00	0.00	0.00	0.00	0.00
P-1328	J-1088	J-1086	122.20	0.30	0.00	1.39	3.02	3.02
P-1329	J-1088	J-1090	0.00	0.00	0.00	0.00	0.00	0.00
P-133	J-120	J-121	0.00	0.00	0.00	0.00	0.00	0.00
P-1330	J-1091	J-1088	122.20	0.98	0.00	1.39	3.02	3.02
P-1331	J-1091	J-1092	0.00	0.00	0.00	0.00	0.00	0.00
P-1332	J-1093	J-1091	122.20	0.99	0.00	1.39	3.02	3.02
P-1333	J-1095	J-1093	41.07	0.70	0.00	0.47	0.40	0.40
P-1334	J-1095	J-1093	81.14	0.70	0.00	0.92	1.41	1.41
P-1335	J-1094	J-1084	122.20	0.27	0.00	1.39	3.02	3.02
P-1336	J-1094	J-1097	0.00	0.00	0.00	0.00	0.00	0.00
P-1337	J-1336	J-1096	213.03	1.65	0.00	1.36	2.08	2.08
P-1338	J-1096	J-1099	0.00	0.00	0.00	0.00	0.00	0.00
P-1339	J-1099	J-1098	0.00	0.00	0.00	0.00	0.00	0.00

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P-134	J-121	J-122	0.00	0.00	0.00	0.00	0.00	0.00
P-1340	J-1099	J-1100	0.00	0.00	0.00	0.00	0.00	0.00
P-1341	J-1100	J-1099	0.00	0.00	0.00	0.00	0.00	0.00
P-1342	J-1100	J-1102	0.00	0.00	0.00	0.00	0.00	0.00
P-1343	J-1096	J-1101	213.03	0.67	0.00	1.36	2.08	2.08
P-1344	J-1101	J-1103	86.97	0.19	0.00	0.99	1.61	1.61
P-1345	J-1340	J-1104	1485.87	1.71	0.00	2.37	2.60	2.60
P-1346	J-1105	J-1104	69.17	1.08	0.00	0.78	1.05	1.05
P-1347	J-1103	J-1344	79.65	0.47	0.00	0.90	1.37	1.37
P-1348	J-1103	J-1107	7.32	0.01	0.00	0.08	0.02	0.02
P-1349	J-1106	J-1345	86.97	0.59	0.00	0.99	1.61	1.61
P-135	J-121	J-124	0.00	0.00	0.00	0.00	0.00	0.00
P-1350	J-1350	J-1106	7.32	0.00	0.00	0.08	0.02	0.02
P-1351	J-1071	J-1108	248.27	1.08	0.00	1.58	2.76	2.76
P-1352	J-1108	J-1122	248.27	2.27	0.00	2.82	11.22	11.22
P-1353	J-1123	J-1111	1691.43	0.90	0.00	2.70	3.30	3.30
P-1354	J-1111	J-1110	39.23	0.03	0.00	0.45	0.37	0.37
P-1355	J-1110	J-1112	115.09	1.41	0.00	1.31	2.70	2.70
P-1356	J-1112	J-1121	77.90	0.96	0.00	0.88	1.31	1.31
P-1357	J-1112	J-1113	37.19	0.17	0.00	0.42	0.33	0.33
P-1358	J-1114	J-1113	12.33	0.02	0.00	0.14	0.04	0.04
P-1359	J-1120	J-1114	47.57	0.64	0.00	0.54	0.53	0.53
P-136	J-369	J-123	60.91	0.20	0.00	0.39	0.20	0.20
P-1360	J-1114	J-1115	35.23	0.31	0.00	0.40	0.30	0.30
P-1361	J-1115	J-1117	108.97	2.74	0.00	1.24	2.44	2.44
P-1362	J-1111	J-1116	1652.20	5.07	0.00	2.64	3.16	3.16
P-1363	J-1117	J-1116	287.50	0.43	0.00	3.26	14.72	14.72
P-1364	J-1118	J-1117	178.53	2.03	0.00	2.03	6.09	6.09
P-1365	J-1119	J-1118	100.63	0.44	0.00	1.14	2.11	2.11
P-1366	J-1113	J-1119	49.52	0.56	0.00	0.56	0.57	0.57
P-1367	J-1115	J-1119	51.11	0.27	0.00	0.58	0.60	0.60
P-1368	J-1120	J-1115	124.85	0.94	0.00	1.42	3.14	3.14
P-1369	J-674	J-2001	0.00	0.00	0.00	0.00	0.00	0.00
P-137	J-123	J-125	118.11	0.25	0.00	0.75	0.70	0.70
P-1370	J-1122	J-1110	75.85	2.60	0.00	0.86	1.25	1.25
P-1371	J-1121	J-1118	77.90	0.20	0.00	0.88	1.31	1.31
P-1372	J-1121	J-1124	0.00	0.00	0.00	0.00	0.00	0.00
P-1373	J-1124	J-1399	0.00	0.00	0.00	0.00	0.00	0.00
P-1374	J-1124	J-1125	0.00	0.00	0.00	0.00	0.00	0.00
P-1375	J-1104	J-1123	1642.02	2.79	0.00	2.62	3.13	3.13
P-1376	J-2000	J-1123	49.42	0.14	0.00	0.32	0.14	0.14
P-1377	J-1126	J-1127	0.00	0.00	0.00	0.00	0.00	0.00
P-1378	J-1134	J-1126	1.55	0.00	0.00	0.02	0.00	0.00
P-1379	J-1363	J-1129	50.97	0.06	0.00	0.33	0.15	0.15
P-138	J-126	J-139	869.00	1.43	0.00	2.47	3.91	3.91
P-1380	J-1129	J-1131	14.03	0.01	0.00	0.09	0.01	0.01
P-1381	J-1818	I-P-H2	0.00	0.00	0.00	0.00	0.00	0.00
P-1382	J-916	J-552	390.64	0.01	0.00	0.81	0.42	0.42
P-1383	J-1131	J-1140	14.03	0.00	0.00	0.16	0.05	0.05
P-1384	J-1134	J-1128	0.00	0.00	0.00	0.00	0.00	0.00
P-1385	J-1132	J-1134	1.55	0.00	0.00	0.02	0.00	0.00
P-1386	J-1132	J-1141	0.00	0.00	0.00	0.00	0.00	0.00
P-1387	J-1136	J-1135	0.00	0.00	0.00	0.00	0.00	0.00
P-1388	J-1136	J-1137	0.00	0.00	0.00	0.00	0.00	0.00
P-1389	J-1138	J-1132	1.55	0.00	0.00	0.02	0.00	0.00
P-139	J-735	J-126	729.33	0.06	0.00	2.07	2.82	2.82
P-1390	J-1138	J-674	0.00	0.00	0.00	0.00	0.00	0.00

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P-1391	J-1140	J-1138	1.55	0.00	0.00	0.02	0.00	0.00
P-1392	J-1140	J-1142	12.47	0.14	0.00	0.14	0.04	0.04
P-1393	J-1353	J-1142	36.95	0.06	0.00	0.24	0.08	0.08
P-1394	J-1141	J-1136	0.00	0.00	0.00	0.00	0.00	0.00
P-1395	J-1141	J-1143	0.00	0.00	0.00	0.00	0.00	0.00
P-1396	J-1144	J-1172	124.33	0.21	0.00	0.79	0.77	0.77
P-1397	J-1169	J-1144	175.31	0.56	0.00	1.12	1.45	1.45
P-1398	J-1150	J-1146	125.29	0.12	0.00	0.73	0.37	0.37
P-1399	J-1154	J-1145	95.65	0.10	0.00	0.61	0.47	0.47
P-14	J-14	J-143	57.10	0.02	0.00	0.16	0.03	0.03
P-140	J-127	J-128	0.00	0.00	0.00	0.00	0.00	0.00
P-1400	J-1147	J-1156	69.02	0.52	0.00	0.78	1.05	1.05
P-1401	J-1149	J-1147	73.61	0.71	0.00	0.84	1.18	1.18
P-1402	J-1146	J-1148	60.34	0.01	0.00	0.39	0.20	0.20
P-1403	J-1145	J-1150	95.65	0.08	0.00	0.56	0.23	0.23
P-1404	J-1152	J-1150	29.64	0.09	0.00	0.34	0.22	0.22
P-1405	J-1152	J-1151	0.00	0.00	0.00	0.00	0.00	0.00
P-1406	J-1154	J-1152	29.64	0.08	0.00	0.34	0.22	0.22
P-1407	J-1197	J-1154	125.29	0.48	0.00	0.80	0.78	0.78
P-1408	J-1153	J-1148	69.02	0.21	0.00	0.71	0.51	0.51
P-1409	J-1153	J-1155	0.00	0.00	0.00	0.00	0.00	0.00
P-141	J-129	J-735	729.33	1.48	0.00	2.07	2.82	2.82
P-1410	J-1156	J-1153	69.02	0.14	0.00	0.71	0.51	0.51
P-1411	J-1146	J-1158	64.95	0.37	0.00	0.74	0.94	0.94
P-1412	J-1158	J-1157	0.00	0.00	0.00	0.00	0.00	0.00
P-1413	J-1158	J-1162	64.95	0.29	0.00	0.74	0.94	0.94
P-1414	J-1160	J-1159	0.00	0.00	0.00	0.00	0.00	0.00
P-1415	J-1160	J-1161	30.87	0.13	0.00	0.35	0.24	0.24
P-1416	J-1162	J-1160	30.87	0.06	0.00	0.35	0.24	0.24
P-1417	J-1162	J-1164	34.08	0.01	0.00	0.39	0.28	0.28
P-1418	J-1164	J-1163	0.00	0.00	0.00	0.00	0.00	0.00
P-1419	J-1164	J-1166	34.08	0.18	0.00	0.39	0.28	0.28
P-142	J-127	J-129	0.00	0.00	0.00	0.00	0.00	0.00
P-1420	J-1229	J-1165	129.36	0.20	0.00	0.83	0.83	0.83
P-1421	J-1165	J-1173	15.08	0.00	0.00	0.10	0.02	0.02
P-1422	J-1161	J-1166	11.86	0.00	0.00	0.08	0.01	0.01
P-1423	J-1161	J-1185	19.00	0.00	0.00	0.12	0.02	0.02
P-1424	J-1167	J-1168	0.00	0.00	0.00	0.00	0.00	0.00
P-1425	J-1167	J-1245	199.11	0.27	0.00	1.27	1.84	1.84
P-1426	J-1170	J-1167	199.11	0.66	0.00	1.27	1.84	1.84
P-1427	J-1170	J-1171	0.00	0.00	0.00	0.00	0.00	0.00
P-1428	J-1126	J-1172	1.55	0.00	0.00	0.02	0.00	0.00
P-1429	J-1230	J-1169	114.28	0.05	0.00	0.73	0.66	0.66
P-143	J-132	J-126	139.67	1.06	0.00	0.89	0.95	0.95
P-1430	J-1176	J-1169	61.03	0.05	0.00	0.39	0.21	0.21
P-1431	J-1180	J-1173	45.95	0.04	0.00	0.29	0.12	0.12
P-1432	J-1173	J-1174	61.03	0.36	0.00	0.69	0.83	0.83
P-1433	J-1165	J-1175	114.28	0.15	0.00	0.73	0.66	0.66
P-1434	J-1175	J-1177	0.00	0.00	0.00	0.00	0.00	0.00
P-1435	J-1174	J-1176	61.03	0.03	0.00	0.39	0.21	0.21
P-1436	J-1176	J-1179	0.00	0.00	0.00	0.00	0.00	0.00
P-1437	J-1173	J-1178	0.00	0.00	0.00	0.00	0.00	0.00
P-1438	J-1181	J-1180	45.95	0.03	0.00	0.29	0.12	0.12
P-1439	J-1180	J-1182	0.00	0.00	0.00	0.00	0.00	0.00
P-144	J-368	J-25	0.00	0.00	0.00	0.00	0.00	0.00
P-1440	J-1166	J-1181	45.95	0.00	0.00	0.29	0.12	0.12
P-1441	J-1181	J-1183	0.00	0.00	0.00	0.00	0.00	0.00

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P-1442	J-1183	J-1184	0.00	0.00	0.00	0.00	0.00	0.00
P-1443	J-1183	J-1186	0.00	0.00	0.00	0.00	0.00	0.00
P-1444	J-1185	J-769	19.00	0.01	0.00	0.12	0.02	0.02
P-1445	J-1185	J-1187	0.00	0.00	0.00	0.00	0.00	0.00
P-1446	J-1187	J-1188	0.00	0.00	0.00	0.00	0.00	0.00
P-1447	J-1187	J-1189	0.00	0.00	0.00	0.00	0.00	0.00
P-1448	J-1190	J-1253	19.00	0.01	0.00	0.12	0.02	0.02
P-1449	J-1190	J-1191	0.00	0.00	0.00	0.00	0.00	0.00
P-145	J-130	J-133	0.00	0.00	0.00	0.00	0.00	0.00
P-1450	J-1192	J-1194	0.00	0.00	0.00	0.00	0.00	0.00
P-1451	J-1194	J-1193	0.00	0.00	0.00	0.00	0.00	0.00
P-1452	J-1194	J-1195	0.00	0.00	0.00	0.00	0.00	0.00
P-1453	J-1195	J-1249	0.00	0.00	0.00	0.00	0.00	0.00
P-1454	J-1200	J-1197	123.39	0.03	0.00	0.79	0.76	0.76
P-1455	J-1145	J-1196	0.00	0.00	0.00	0.00	0.00	0.00
P-1456	J-1198	J-1197	1.90	0.00	0.00	0.01	0.00	0.00
P-1457	J-1198	J-1199	0.00	0.00	0.00	0.00	0.00	0.00
P-1458	J-1216	J-1200	54.58	0.05	0.00	0.35	0.17	0.17
P-1459	J-1201	J-1200	68.81	0.67	0.00	0.78	1.04	1.04
P-146	J-132	J-130	0.00	0.00	0.00	0.00	0.00	0.00
P-1460	J-1201	J-1202	0.00	0.00	0.00	0.00	0.00	0.00
P-1461	J-1205	J-1201	68.81	0.62	0.00	0.78	1.04	1.04
P-1462	J-1204	J-1206	0.00	0.00	0.00	0.00	0.00	0.00
P-1463	J-1205	J-1204	0.00	0.00	0.00	0.00	0.00	0.00
P-1464	J-1204	J-1207	0.00	0.00	0.00	0.00	0.00	0.00
P-1465	J-1203	J-767	263.16	0.74	0.00	0.75	0.43	0.43
P-1466	J-1203	J-1208	123.60	0.71	0.00	0.79	0.76	0.76
P-1467	J-1208	J-1210	123.60	0.19	0.00	0.79	0.76	0.76
P-1468	J-1208	J-1211	0.00	0.00	0.00	0.00	0.00	0.00
P-1469	J-1210	J-1209	123.60	0.08	0.00	0.79	0.76	0.76
P-147	J-134	J-132	139.67	0.43	0.00	0.89	0.95	0.95
P-1470	J-1210	J-1213	0.00	0.00	0.00	0.00	0.00	0.00
P-1471	J-1209	J-1149	123.60	0.64	0.00	1.40	3.08	3.08
P-1472	J-1149	J-1214	49.98	0.33	0.00	0.57	0.58	0.58
P-1473	J-1214	J-1212	0.00	0.00	0.00	0.00	0.00	0.00
P-1474	J-1214	J-1216	49.98	0.38	0.00	0.57	0.58	0.58
P-1475	J-1147	J-1216	4.59	0.00	0.00	0.03	0.00	0.00
P-1476	J-1201	J-1217	0.00	0.00	0.00	0.00	0.00	0.00
P-1477	J-1222	J-1205	68.81	0.14	0.00	0.44	0.26	0.26
P-1478	J-1215	J-1224	262.78	0.14	0.00	0.75	0.43	0.43
P-1479	J-1215	J-1218	68.81	0.08	0.00	0.44	0.26	0.26
P-148	J-447	J-296	0.00	0.00	0.00	0.00	0.00	0.00
P-1480	J-1218	J-1219	0.00	0.00	0.00	0.00	0.00	0.00
P-1481	J-1219	J-1220	0.00	0.00	0.00	0.00	0.00	0.00
P-1482	J-1220	J-1221	0.00	0.00	0.00	0.00	0.00	0.00
P-1483	J-1220	J-1223	0.00	0.00	0.00	0.00	0.00	0.00
P-1484	J-1218	J-1222	68.81	0.08	0.00	0.44	0.26	0.26
P-1485	J-1222	J-1225	0.00	0.00	0.00	0.00	0.00	0.00
P-1486	J-1224	J-768	262.78	0.05	0.00	0.75	0.43	0.43
P-1487	J-1224	J-1226	0.00	0.00	0.00	0.00	0.00	0.00
P-1488	J-1267	J-765	82.15	0.33	0.00	0.93	1.45	1.45
P-1489	J-1227	J-763	386.75	0.25	0.00	1.10	0.87	0.87
P-149	J-136	J-1	2413.98	0.98	0.00	2.29	1.09	1.09
P-1490	J-1227	J-1228	55.42	1.55	0.00	0.63	0.70	0.70
P-1491	J-1228	J-767	68.43	0.07	0.00	0.44	0.25	0.25
P-1492	J-1148	J-1229	129.36	0.70	0.00	0.83	0.83	0.83
P-1493	J-1229	J-1231	0.00	0.00	0.00	0.00	0.00	0.00

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P-1494	J-1175	J-1230	114.28	0.24	0.00	0.73	0.66	0.66
P-1495	J-1230	J-1233	0.00	0.00	0.00	0.00	0.00	0.00
P-1496	J-1172	J-1232	125.89	0.63	0.00	0.80	0.79	0.79
P-1497	J-1232	J-1234	0.00	0.00	0.00	0.00	0.00	0.00
P-1498	J-1234	J-1365	0.00	0.00	0.00	0.00	0.00	0.00
P-1499	J-1235	J-1234	0.00	0.00	0.00	0.00	0.00	0.00
P-15	J-14	J-149	240.28	0.18	0.00	0.68	0.36	0.36
P-150	J-1956	J-705	33.06	0.02	0.00	0.19	0.03	0.03
P-1500	J-1235	J-1236	0.00	0.00	0.00	0.00	0.00	0.00
P-1501	J-1237	J-1242	0.00	0.00	0.00	0.00	0.00	0.00
P-1502	J-1237	J-1239	0.00	0.00	0.00	0.00	0.00	0.00
P-1503	J-1239	J-1238	0.00	0.00	0.00	0.00	0.00	0.00
P-1504	J-1239	J-1240	0.00	0.00	0.00	0.00	0.00	0.00
P-1505	J-1241	J-1235	0.00	0.00	0.00	0.00	0.00	0.00
P-1506	J-1241	J-1243	0.00	0.00	0.00	0.00	0.00	0.00
P-1507	J-1242	J-1241	0.00	0.00	0.00	0.00	0.00	0.00
P-1508	J-1243	J-1242	0.00	0.00	0.00	0.00	0.00	0.00
P-1509	J-1243	J-1244	0.00	0.00	0.00	0.00	0.00	0.00
P-151	J-138	J-735	0.00	0.00	0.00	0.00	0.00	0.00
P-1510	J-1857	J-1245	125.89	0.37	0.00	0.80	0.79	0.79
P-1511	J-1245	J-1246	325.00	47.32	0.00	3.69	18.48	18.48
P-1512	J-1246	J-1247	325.00	1.91	0.00	3.69	18.48	18.48
P-1513	J-1246	J-1248	0.00	0.00	0.00	0.00	0.00	0.00
P-1514	J-1249	J-1198	1.90	0.00	0.00	0.01	0.00	0.00
P-1515	J-1250	J-1249	1.90	0.00	0.00	0.01	0.00	0.00
P-1516	J-1251	J-770	153.79	0.01	0.00	0.44	0.16	0.16
P-1517	J-1250	J-1252	48.56	0.01	0.00	0.31	0.13	0.13
P-1518	J-770	J-1250	50.46	0.01	0.00	0.32	0.14	0.14
P-1519	J-1251	J-1252	131.55	0.03	0.00	0.84	0.85	0.85
P-152	J-139	J-395	869.00	1.85	0.00	2.47	3.91	3.91
P-1520	J-1252	J-1253	180.11	1.65	0.00	1.15	1.53	1.53
P-1521	J-1253	J-1170	199.11	2.42	0.00	1.27	1.84	1.84
P-1522	J-770	J-1255	103.32	0.60	0.00	0.66	0.55	0.55
P-1523	J-1255	J-1825	106.99	0.12	0.00	0.68	0.58	0.58
P-1524	J-1258	J-1255	3.67	0.00	0.00	0.04	0.00	0.00
P-1525	J-1257	J-1256	36.06	0.05	0.00	0.41	0.31	0.31
P-1526	J-1257	J-1259	0.00	0.00	0.00	0.00	0.00	0.00
P-1527	J-1258	J-1257	36.06	0.21	0.00	0.41	0.31	0.31
P-1528	J-1261	J-1258	39.72	0.07	0.00	0.45	0.38	0.38
P-1529	J-1261	J-1260	0.00	0.00	0.00	0.00	0.00	0.00
P-153	J-139	J-141	0.00	0.00	0.00	0.00	0.00	0.00
P-1530	J-1262	J-1261	39.72	1.34	0.00	0.45	0.38	0.38
P-1531	J-1290	J-1262	39.72	0.13	0.00	0.45	0.38	0.38
P-1532	J-1262	J-1264	0.00	0.00	0.00	0.00	0.00	0.00
P-1533	J-1265	J-1263	0.00	0.00	0.00	0.00	0.00	0.00
P-1534	J-1286	J-1265	187.33	0.43	0.00	1.09	0.79	0.79
P-1535	J-1267	J-1228	13.01	0.02	0.00	0.15	0.05	0.05
P-1536	J-765	J-1291	29.11	0.01	0.00	0.17	0.03	0.03
P-1537	J-1284	J-1268	15.38	0.05	0.00	0.17	0.07	0.07
P-1538	J-1268	J-1266	142.94	0.18	0.00	1.62	4.04	4.04
P-1539	J-1266	J-1269	133.70	1.66	0.00	1.52	3.57	3.57
P-154	J-140	J-378	200.00	1.05	0.00	0.57	0.26	0.26
P-1540	J-1269	J-1270	107.17	0.83	0.00	1.22	2.37	2.37
P-1541	J-1270	J-1276	108.49	0.79	0.00	1.23	2.42	2.42
P-1542	J-1271	J-1270	1.31	0.00	0.00	0.01	0.00	0.00
P-1543	J-1278	J-1272	32.71	0.07	0.00	0.37	0.26	0.26
P-1544	J-1274	J-1272	7.99	0.68	0.00	0.64	2.30	2.30

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P-1545	J-1269	J-1273	26.53	0.12	0.00	0.30	0.18	0.18
P-1546	J-1273	J-1274	9.31	0.68	0.00	0.75	3.04	3.04
P-1547	J-1274	J-1271	1.31	0.03	0.00	0.11	0.08	0.08
P-1548	J-1272	J-1276	22.04	0.14	0.00	0.25	0.13	0.13
P-1549	J-1641	J-1276	13.37	0.02	0.00	0.15	0.05	0.05
P-155	J-140	J-1767	505.00	0.02	0.00	1.43	1.43	1.43
P-1550	J-1273	J-1275	17.22	0.04	0.00	0.20	0.08	0.08
P-1551	J-1990	J-1277	187.33	0.29	0.00	2.13	6.66	6.66
P-1552	J-1277	J-1275	173.25	2.06	0.00	1.97	5.76	5.76
P-1553	J-1275	J-1278	190.47	1.26	0.00	2.16	6.87	6.87
P-1554	J-1278	J-1280	157.76	0.28	0.00	1.01	1.19	1.19
P-1555	J-1280	J-1279	0.00	0.00	0.00	0.00	0.00	0.00
P-1556	J-1279	J-1281	0.00	0.00	0.00	0.00	0.00	0.00
P-1557	J-1279	J-1282	0.00	0.00	0.00	0.00	0.00	0.00
P-1558	J-1281	J-1283	0.00	0.00	0.00	0.00	0.00	0.00
P-1559	J-1281	J-1285	0.00	0.00	0.00	0.00	0.00	0.00
P-156	J-142	J-881	126.00	2.85	0.00	0.80	0.79	0.79
P-1560	J-1277	J-1284	14.08	0.02	0.00	0.16	0.06	0.06
P-1561	J-1991	J-1284	1.31	0.00	0.00	0.01	0.00	0.00
P-1562	J-1287	J-1268	127.56	0.11	0.00	0.74	0.39	0.39
P-1563	J-1289	J-1286	261.78	0.56	0.00	1.52	1.46	1.46
P-1564	J-1286	J-1288	74.45	0.60	0.00	0.77	0.58	0.58
P-1565	J-1288	J-1287	128.86	0.12	0.00	0.75	0.39	0.39
P-1566	J-1400	J-1289	287.08	0.60	0.00	1.67	1.74	1.74
P-1567	J-1289	J-1291	25.30	1.14	0.00	0.65	1.18	1.18
P-1568	J-1291	J-1288	54.41	0.03	0.00	0.32	0.08	0.08
P-1569	J-1266	J-1290	9.24	0.02	0.00	0.10	0.03	0.03
P-157	J-143	J-11	0.00	0.00	0.00	0.00	0.00	0.00
P-1570	J-1295	J-1290	30.48	0.26	0.00	0.35	0.23	0.23
P-1571	J-675	I-Pump-R	0.00	0.00	0.00	0.00	0.00	0.00
P-1572	O-Pump-R	J-35	0.00	0.00	0.00	0.00	0.00	0.00
P-1573	J-1295	J-1251	285.34	1.20	0.00	0.81	0.50	0.50
P-1574	J-1067	J-1336	0.00	0.00	0.00	0.00	0.00	0.00
P-1575	J-1314	J-1294	49.98	1.36	0.00	0.57	0.58	0.58
P-1576	J-1294	J-1298	0.00	0.00	0.00	0.00	0.00	0.00
P-1577	J-1298	J-1297	0.00	0.00	0.00	0.00	0.00	0.00
P-1578	J-1298	J-1300	0.00	0.00	0.00	0.00	0.00	0.00
P-1579	J-1299	J-1297	0.00	0.00	0.00	0.00	0.00	0.00
P-158	J-143	J-146	57.10	0.08	0.00	0.36	0.18	0.18
P-1580	J-1294	J-1301	49.98	1.72	0.00	1.28	3.79	3.79
P-1581	J-783	J-490	187.21	0.17	0.00	0.76	0.55	0.55
P-1582	J-1329	J-1312	0.00	0.00	0.00	0.00	0.00	0.00
P-1583	J-1302	J-1077	0.00	0.00	0.00	0.00	0.00	0.00
P-1584	J-1306	J-1328	25.35	0.09	0.00	0.26	0.08	0.08
P-1585	J-1305	J-1078	29.64	0.10	0.00	0.34	0.22	0.22
P-1586	J-1305	J-1306	11.98	0.00	0.00	0.12	0.02	0.02
P-1587	J-1561	J-1063	28.04	0.02	0.00	0.18	0.05	0.05
P-1588	J-1310	J-1306	13.37	0.02	0.00	0.14	0.02	0.02
P-1589	J-1116	J-1303	1939.71	4.28	0.00	3.09	4.26	4.26
P-159	J-146	J-148	22.88	0.02	0.00	0.15	0.03	0.03
P-1590	J-1309	J-1305	41.62	0.07	0.00	0.47	0.41	0.41
P-1591	J-1309	J-1310	13.37	0.05	0.00	0.15	0.05	0.05
P-1592	J-1920	J-1918	0.00	0.00	0.00	0.00	0.00	0.00
P-1593	J-1030	J-1073	1.43	0.00	0.00	0.02	0.00	0.00
P-1594	J-1920	J-1304	0.00	0.00	0.00	0.00	0.00	0.00
P-1595	J-1329	J-1920	0.00	0.00	0.00	0.00	0.00	0.00
P-1596	J-802	J-1302	59.59	0.01	0.00	0.16	0.01	0.01

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P-1597	J-1081	J-1313	130.74	0.37	0.00	1.48	3.42	3.42
P-1598	J-1314	J-1926	165.52	1.82	0.00	1.88	5.30	5.30
P-1599	J-1314	J-1315	0.00	0.00	0.00	0.00	0.00	0.00
P-16	J-15	J-333	246.73	0.31	0.00	0.70	0.38	0.38
P-160	J-146	J-145	34.22	0.07	0.00	0.22	0.07	0.07
P-1600	J-1315	J-1316	0.00	0.00	0.00	0.00	0.00	0.00
P-1601	J-1315	J-1318	0.00	0.00	0.00	0.00	0.00	0.00
P-1602	J-1317	J-1314	215.50	2.24	0.00	1.38	2.13	2.13
P-1603	J-183	J-1319	641.46	1.41	0.00	1.82	2.23	2.23
P-1604	J-1320	J-1317	215.50	0.06	0.00	1.38	2.13	2.13
P-1605	J-1317	J-1321	0.00	0.00	0.00	0.00	0.00	0.00
P-1606	J-1319	J-1320	215.50	2.56	0.00	1.38	2.13	2.13
P-1607	J-1320	J-1322	0.00	0.00	0.00	0.00	0.00	0.00
P-1608	J-1325	J-1323	2213.88	0.04	0.00	3.28	2.75	2.75
P-1609	J-1323	J-1538	0.00	0.00	0.00	0.00	0.00	0.00
P-161	J-145	J-147	57.10	0.06	0.00	0.36	0.18	0.18
P-1610	J-1486	J-1325	2213.88	0.86	0.00	3.28	2.75	2.75
P-1611	J-1325	J-1326	0.00	0.00	0.00	0.00	0.00	0.00
P-1612	J-1326	J-1327	0.00	0.00	0.00	0.00	0.00	0.00
P-1613	J-1073	J-1939	9.63	0.00	0.00	0.03	0.00	0.00
P-1614	J-1328	J-1062	100.67	0.96	0.00	1.04	1.02	1.02
P-1615	J-1307	J-806	4.57	0.01	0.00	0.05	0.01	0.01
P-1616	J-863	J-1308	233.61	0.71	0.00	0.66	0.34	0.34
P-1617	J-1061	J-1331	253.19	0.87	0.00	1.62	2.87	2.87
P-1618	J-1331	J-1333	0.00	0.00	0.00	0.00	0.00	0.00
P-1619	J-1337	J-1067	0.00	0.00	0.00	0.00	0.00	0.00
P-162	J-148	J-145	22.88	0.05	0.00	0.15	0.03	0.03
P-1620	J-1064	J-1334	213.03	0.30	0.00	1.36	2.08	2.08
P-1621	J-1334	J-1993	0.00	0.00	0.00	0.00	0.00	0.00
P-1622	J-1334	J-1336	213.03	1.12	0.00	1.36	2.08	2.08
P-1623	J-762	J-1335	1555.05	0.87	0.00	2.48	2.83	2.83
P-1624	J-1335	J-1332	0.00	0.00	0.00	0.00	0.00	0.00
P-1625	J-1335	J-1338	1555.05	0.17	0.00	2.48	2.83	2.83
P-1626	J-1338	J-1339	0.00	0.00	0.00	0.00	0.00	0.00
P-1627	J-1373	J-1340	1485.87	0.04	0.00	2.37	2.60	2.60
P-1628	J-1340	J-1342	0.00	0.00	0.00	0.00	0.00	0.00
P-1629	J-1342	J-1341	0.00	0.00	0.00	0.00	0.00	0.00
P-163	J-148	J-713	0.00	0.00	0.00	0.00	0.00	0.00
P-1630	J-1342	J-1343	0.00	0.00	0.00	0.00	0.00	0.00
P-1631	J-1344	J-1106	79.65	0.58	0.00	0.90	1.37	1.37
P-1632	J-1344	J-1346	0.00	0.00	0.00	0.00	0.00	0.00
P-1633	J-1345	J-1104	86.97	1.17	0.00	0.99	1.61	1.61
P-1634	J-1345	J-1347	0.00	0.00	0.00	0.00	0.00	0.00
P-1635	J-1348	J-1109	0.00	0.00	0.00	0.00	0.00	0.00
P-1636	J-1348	J-1349	0.00	0.00	0.00	0.00	0.00	0.00
P-1637	J-1350	J-1348	0.00	0.00	0.00	0.00	0.00	0.00
P-1638	J-1107	J-1350	7.32	1.03	0.00	0.59	1.95	1.95
P-1639	J-1107	J-1352	0.00	0.00	0.00	0.00	0.00	0.00
P-164	J-149	J-357	177.53	0.05	0.00	0.50	0.21	0.21
P-1640	J-1125	J-1351	0.00	0.00	0.00	0.00	0.00	0.00
P-1641	J-1357	J-1353	36.95	0.04	0.00	0.24	0.08	0.08
P-1642	J-1353	J-1355	0.00	0.00	0.00	0.00	0.00	0.00
P-1643	J-1355	J-1354	0.00	0.00	0.00	0.00	0.00	0.00
P-1644	J-1355	J-1356	0.00	0.00	0.00	0.00	0.00	0.00
P-1645	J-1358	J-1357	36.95	0.03	0.00	0.24	0.08	0.08
P-1646	J-1357	J-1359	0.00	0.00	0.00	0.00	0.00	0.00
P-1647	J-1129	J-1358	36.95	0.03	0.00	0.24	0.08	0.08

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P-1648	J-1358	J-1360	0.00	0.00	0.00	0.00	0.00	0.00
P-1649	J-1361	J-1139	0.00	0.00	0.00	0.00	0.00	0.00
P-165	J-149	J-351	62.75	0.08	0.00	0.40	0.22	0.22
P-1650	J-1072	J-1362	0.00	0.00	0.00	0.00	0.00	0.00
P-1651	J-1144	J-1363	50.97	0.14	0.00	0.33	0.15	0.15
P-1652	J-1363	J-1364	0.00	0.00	0.00	0.00	0.00	0.00
P-1653	J-1365	J-1366	0.00	0.00	0.00	0.00	0.00	0.00
P-1654	J-1365	J-1367	0.00	0.00	0.00	0.00	0.00	0.00
P-1655	J-1366	J-1369	0.00	0.00	0.00	0.00	0.00	0.00
P-1656	J-1366	J-1368	0.00	0.00	0.00	0.00	0.00	0.00
P-1657	J-1369	J-1237	0.00	0.00	0.00	0.00	0.00	0.00
P-1658	J-1369	J-1370	0.00	0.00	0.00	0.00	0.00	0.00
P-1659	J-1240	J-1371	0.00	0.00	0.00	0.00	0.00	0.00
P-166	J-152	J-361	221.35	0.07	0.00	0.63	0.31	0.31
P-1660	J-1240	J-1372	0.00	0.00	0.00	0.00	0.00	0.00
P-1661	J-1338	J-1373	1555.05	2.23	0.00	2.48	2.83	2.83
P-1662	J-1373	J-1375	69.17	0.08	0.00	0.44	0.26	0.26
P-1663	J-1375	J-1377	69.17	0.01	0.00	0.44	0.26	0.26
P-1664	J-1375	J-1376	0.00	0.00	0.00	0.00	0.00	0.00
P-1665	J-1377	J-1374	0.00	0.00	0.00	0.00	0.00	0.00
P-1666	J-1377	J-1378	69.17	0.12	0.00	0.72	0.51	0.51
P-1667	J-1385	J-1379	1997.22	0.68	0.00	2.96	2.27	2.27
P-1668	J-1379	J-1380	109.89	0.80	0.00	1.25	1.02	1.02
P-1669	J-1380	J-1227	442.18	0.83	0.00	1.25	1.12	1.12
P-167	J-151	J-364	68.54	0.16	0.00	0.44	0.25	0.25
P-1670	J-1382	J-1381	1833.69	0.50	0.00	2.72	1.94	1.94
P-1671	J-1381	J-1383	0.00	0.00	0.00	0.00	0.00	0.00
P-1672	J-1386	J-1382	1833.69	1.48	0.00	2.72	1.94	1.94
P-1673	J-1382	J-1384	0.00	0.00	0.00	0.00	0.00	0.00
P-1674	J-1381	J-1385	1833.69	0.53	0.00	2.72	1.94	1.94
P-1675	J-1387	J-1385	163.52	0.96	0.00	1.86	2.12	2.12
P-1676	J-1331	J-1387	253.19	0.51	0.00	1.62	2.87	2.87
P-1677	J-1390	J-1386	1453.82	0.37	0.00	2.16	1.26	1.26
P-1678	J-1388	J-1386	379.88	0.00	0.00	0.56	0.11	0.11
P-1679	J-1574	J-1389	534.13	0.27	0.00	1.52	1.59	1.59
P-168	J-154	J-151	49.53	0.13	0.00	0.32	0.14	0.14
P-1680	J-1577	J-1062	82.16	0.36	0.00	0.85	0.70	0.70
P-1681	J-1577	J-1390	2000.98	2.73	0.00	2.97	2.28	2.28
P-1682	J-1389	J-1388	463.77	0.10	0.00	1.32	1.22	1.22
P-1683	J-1388	J-1391	83.90	0.03	0.00	0.24	0.05	0.05
P-1684	J-1391	J-1396	83.90	0.01	0.00	0.24	0.05	0.05
P-1685	J-1391	J-1393	0.00	0.00	0.00	0.00	0.00	0.00
P-1686	J-1393	J-1394	0.00	0.00	0.00	0.00	0.00	0.00
P-1687	J-1393	J-1395	0.00	0.00	0.00	0.00	0.00	0.00
P-1688	J-1396	J-1392	6.90	0.00	0.00	0.08	0.01	0.01
P-1689	J-1396	J-1408	76.99	0.36	0.00	0.87	1.28	1.28
P-169	J-31	J-16	170.03	0.10	0.00	0.48	0.19	0.19
P-1690	J-1397	J-919	0.00	0.00	0.00	0.00	0.00	0.00
P-1691	J-1399	J-1124	0.00	0.00	0.00	0.00	0.00	0.00
P-1692	J-1400	J-1267	95.16	1.41	0.00	1.08	1.90	1.90
P-1693	J-1411	J-1400	382.24	1.69	0.00	4.34	24.95	24.95
P-1694	J-1401	J-1402	0.00	0.00	0.00	0.00	0.00	0.00
P-1695	J-1405	J-1401	97.44	0.85	0.00	1.11	1.98	1.98
P-1696	J-1404	J-1403	0.00	0.00	0.00	0.00	0.00	0.00
P-1697	J-978	J-1405	74.03	0.33	0.00	0.84	1.19	1.19
P-1698	J-1405	J-1406	0.00	0.00	0.00	0.00	0.00	0.00
P-1699	J-1407	J-1405	23.41	0.72	0.00	0.60	1.02	1.02

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P-17	J-15	J-177	92.26	0.03	0.00	0.26	0.06	0.06
P-170	J-16	J-323	27.31	0.05	0.00	0.17	0.05	0.05
P-1700	J-1398	J-1408	6.90	0.02	0.00	0.08	0.01	0.01
P-1701	J-1408	J-1409	83.90	0.15	0.00	0.95	1.50	1.50
P-1702	J-1409	J-1407	104.75	0.10	0.00	1.19	2.27	2.27
P-1703	J-1410	J-1409	20.85	0.08	0.00	0.24	0.11	0.11
P-1704	J-1392	J-1398	6.90	0.34	0.00	0.31	0.43	0.43
P-1705	J-1407	J-1859	81.34	0.23	0.00	0.92	1.42	1.42
P-1706	J-1412	J-1413	284.81	0.25	0.00	1.82	3.56	3.56
P-1707	J-1401	J-1411	97.44	1.03	0.00	1.11	1.98	1.98
P-1708	J-1413	J-1411	284.81	2.11	0.00	1.82	3.56	3.56
P-1709	J-1413	J-1414	0.00	0.00	0.00	0.00	0.00	0.00
P-171	J-325	J-155	128.01	0.09	0.00	0.36	0.11	0.11
P-1710	J-1565	J-1412	277.49	1.13	0.00	1.77	3.40	3.40
P-1711	J-1415	J-1416	285.32	0.12	0.00	0.81	0.50	0.50
P-1712	J-1541	J-1415	285.32	2.67	0.00	1.82	3.58	3.58
P-1713	J-1560	J-738	28.04	0.04	0.00	0.18	0.05	0.05
P-1714	J-1417	J-1418	0.00	0.00	0.00	0.00	0.00	0.00
P-1715	J-1552	J-1417	0.27	0.00	0.00	0.00	0.00	0.00
P-1716	J-1417	J-1419	0.27	0.00	0.00	0.00	0.00	0.00
P-1717	J-1421	J-1419	2.31	0.00	0.00	0.01	0.00	0.00
P-1718	J-1422	J-1555	0.00	0.00	0.00	0.00	0.00	0.00
P-1719	J-1419	J-1423	2.57	0.00	0.00	0.02	0.00	0.00
P-172	J-156	J-17	270.22	0.17	0.00	0.77	0.45	0.45
P-1720	J-1424	J-1423	25.47	0.01	0.00	0.16	0.04	0.04
P-1721	J-1557	J-1424	28.04	0.02	0.00	0.18	0.05	0.05
P-1722	J-1461	J-1425	28.04	0.00	0.00	0.08	0.01	0.01
P-1723	J-1425	J-1426	23.07	0.01	0.00	0.15	0.03	0.03
P-1724	J-1426	J-1428	0.00	0.00	0.00	0.00	0.00	0.00
P-1725	J-1426	J-1427	23.07	0.01	0.00	0.15	0.03	0.03
P-1726	J-1977	J-1427	4.98	0.00	0.00	0.03	0.00	0.00
P-1727	J-1431	J-1429	4.98	0.00	0.00	0.06	0.01	0.01
P-1728	J-1429	J-1430	0.00	0.00	0.00	0.00	0.00	0.00
P-1729	J-737	J-1431	4.98	0.00	0.00	0.06	0.01	0.01
P-173	J-181	J-156	49.59	0.12	0.00	0.32	0.14	0.14
P-1730	J-1431	J-1433	0.00	0.00	0.00	0.00	0.00	0.00
P-1731	J-1433	J-1432	0.00	0.00	0.00	0.00	0.00	0.00
P-1732	J-1432	J-1433	0.00	0.00	0.00	0.00	0.00	0.00
P-1733	J-1436	J-1434	4.98	0.00	0.00	0.01	0.00	0.00
P-1734	J-1434	J-1435	0.00	0.00	0.00	0.00	0.00	0.00
P-1735	J-1443	J-1436	4.98	0.00	0.00	0.01	0.00	0.00
P-1736	J-1436	J-1437	0.00	0.00	0.00	0.00	0.00	0.00
P-1737	J-1434	J-1438	4.98	0.00	0.00	0.01	0.00	0.00
P-1738	J-1438	J-1439	0.00	0.00	0.00	0.00	0.00	0.00
P-1739	J-1439	J-1441	0.00	0.00	0.00	0.00	0.00	0.00
P-174	J-22	J-20	282.17	0.40	0.00	1.80	3.50	3.50
P-1740	J-1441	J-1440	0.00	0.00	0.00	0.00	0.00	0.00
P-1741	J-1441	J-1442	0.00	0.00	0.00	0.00	0.00	0.00
P-1742	J-1446	J-1443	4.98	0.00	0.00	0.01	0.00	0.00
P-1743	J-1443	J-1444	0.00	0.00	0.00	0.00	0.00	0.00
P-1744	J-1448	J-1446	4.98	0.00	0.00	0.01	0.00	0.00
P-1745	J-1445	J-1446	0.00	0.00	0.00	0.00	0.00	0.00
P-1746	J-1446	J-1447	0.00	0.00	0.00	0.00	0.00	0.00
P-1747	J-1450	J-1448	4.98	0.00	0.00	0.01	0.00	0.00
P-1748	J-1448	J-1449	0.00	0.00	0.00	0.00	0.00	0.00
P-1749	J-1452	J-1450	4.98	0.00	0.00	0.01	0.00	0.00
P-175	J-157	J-158	49.59	0.00	0.00	0.14	0.02	0.02

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-1750	J-1450	J-1451	0.00	0.00	0.00	0.00	0.00	0.00
P-1751	J-1458	J-1452	4.98	0.00	0.00	0.01	0.00	0.00
P-1752	J-1452	J-1455	0.00	0.00	0.00	0.00	0.00	0.00
P-1753	J-1455	J-1454	0.00	0.00	0.00	0.00	0.00	0.00
P-1754	J-1453	J-1455	0.00	0.00	0.00	0.00	0.00	0.00
P-1755	J-1456	J-1458	0.00	0.00	0.00	0.00	0.00	0.00
P-1756	J-1460	J-1458	4.98	0.00	0.00	0.01	0.00	0.00
P-1757	J-1457	J-1459	0.00	0.00	0.00	0.00	0.00	0.00
P-1758	J-1425	J-1460	4.98	0.00	0.00	0.01	0.00	0.00
P-1759	J-1460	J-1459	0.00	0.00	0.00	0.00	0.00	0.00
P-176	J-21	J-159	289.06	0.02	0.00	0.82	0.51	0.51
P-1760	J-1465	J-1461	28.04	0.00	0.00	0.08	0.01	0.01
P-1761	J-1461	J-1463	0.00	0.00	0.00	0.00	0.00	0.00
P-1762	J-1463	J-1462	0.00	0.00	0.00	0.00	0.00	0.00
P-1763	J-1463	J-1464	0.00	0.00	0.00	0.00	0.00	0.00
P-1764	J-1467	J-1465	28.04	0.00	0.00	0.08	0.01	0.01
P-1765	J-1465	J-1466	0.00	0.00	0.00	0.00	0.00	0.00
P-1766	J-1467	J-1476	27.30	0.01	0.00	0.08	0.01	0.01
P-1767	J-1470	J-1467	55.35	0.89	0.00	0.63	0.70	0.70
P-1768	J-1469	J-1468	0.00	0.00	0.00	0.00	0.00	0.00
P-1769	J-1468	J-1469	0.00	0.00	0.00	0.00	0.00	0.00
P-177	J-159	J-291	111.10	0.07	0.00	0.71	0.62	0.62
P-1770	J-1470	J-1469	0.00	0.00	0.00	0.00	0.00	0.00
P-1771	J-1472	J-1470	55.35	0.21	0.00	0.63	0.70	0.70
P-1772	J-1495	J-1472	53.33	0.59	0.00	0.61	0.65	0.65
P-1773	J-1471	J-1472	2.02	0.00	0.00	0.02	0.00	0.00
P-1774	J-1471	J-1473	45.79	0.24	0.00	0.52	0.49	0.49
P-1775	J-1473	J-1479	45.79	0.22	0.00	0.52	0.49	0.49
P-1776	J-1473	J-1475	0.00	0.00	0.00	0.00	0.00	0.00
P-1777	J-1476	J-739	27.30	0.01	0.00	0.08	0.01	0.01
P-1778	J-1476	J-1477	0.00	0.00	0.00	0.00	0.00	0.00
P-1779	J-1477	J-1478	0.00	0.00	0.00	0.00	0.00	0.00
P-178	J-160	J-92	356.24	0.18	0.00	1.01	0.75	0.75
P-1780	J-1937	J-1474	0.00	0.00	0.00	0.00	0.00	0.00
P-1781	J-1479	J-1937	45.79	0.02	0.00	0.52	0.49	0.49
P-1782	J-1474	J-1983	0.00	0.00	0.00	0.00	0.00	0.00
P-1783	J-743	J-742	63.82	0.00	0.00	0.18	0.03	0.03
P-1784	J-1940	J-1481	327.66	0.06	0.00	0.93	0.64	0.64
P-1785	J-1481	J-1483	0.00	0.00	0.00	0.00	0.00	0.00
P-1786	J-741	J-740	265.66	0.24	0.00	0.75	0.44	0.44
P-1787	J-1482	J-1484	58.42	0.47	0.00	0.66	0.77	0.77
P-1788	J-1482	J-1485	3.58	0.46	0.00	0.29	0.52	0.52
P-1789	J-1497	J-1485	4.58	0.01	0.00	0.05	0.01	0.01
P-179	J-160	J-292	62.16	0.16	0.00	0.40	0.21	0.21
P-1790	J-1485	J-1484	8.16	0.01	0.00	0.09	0.02	0.02
P-1791	J-1484	J-1496	66.58	0.53	0.00	0.76	0.98	0.98
P-1792	J-1488	J-1486	2107.81	2.66	0.00	3.12	2.51	2.51
P-1793	J-1487	J-1491	97.69	0.68	0.00	1.11	1.99	1.99
P-1794	J-1487	J-1489	0.00	0.00	0.00	0.00	0.00	0.00
P-1795	J-743	J-1488	2116.19	1.51	0.00	3.14	2.53	2.53
P-1796	J-1488	J-1490	8.38	1.40	0.00	0.68	2.51	2.51
P-1797	J-1490	J-1486	106.08	1.26	0.00	1.20	2.32	2.32
P-1798	J-1491	J-1490	97.69	0.07	0.00	1.11	1.99	1.99
P-1799	J-1491	J-1493	0.00	0.00	0.00	0.00	0.00	0.00
P-18	J-17	J-31	455.00	0.27	0.00	1.29	1.18	1.18
P-180	J-163	J-162	40.23	0.03	0.00	0.26	0.10	0.10
P-1800	J-744	J-1494	101.14	0.65	0.00	1.15	2.13	2.13

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P-1801	J-1494	J-1492	0.00	0.00	0.00	0.00	0.00	0.00
P-1802	J-1495	J-1471	47.82	0.59	0.00	0.54	0.53	0.53
P-1803	J-1494	J-1495	101.14	0.38	0.00	1.15	2.13	2.13
P-1804	J-1496	J-1487	97.69	0.02	0.00	1.11	1.99	1.99
P-1805	J-1498	J-1496	31.11	0.13	0.00	0.35	0.24	0.24
P-1806	J-1776	J-1497	35.69	0.10	0.00	0.40	0.31	0.31
P-1807	J-1576	J-1498	31.11	0.09	0.00	0.35	0.24	0.24
P-1808	J-1498	J-1499	0.00	0.00	0.00	0.00	0.00	0.00
P-1809	J-1500	J-1410	0.00	0.00	0.00	0.00	0.00	0.00
P-181	J-162	J-318	74.35	0.18	0.00	0.47	0.30	0.30
P-1810	J-1566	J-1410	20.85	0.69	0.00	0.53	0.82	0.82
P-1811	J-738	J-1502	285.32	0.41	0.00	1.82	3.58	3.58
P-1812	J-1502	J-1550	65.11	0.29	0.00	0.74	0.94	0.94
P-1813	J-1505	J-1504	0.00	0.00	0.00	0.00	0.00	0.00
P-1814	J-1504	J-1507	0.00	0.00	0.00	0.00	0.00	0.00
P-1815	J-1506	J-1505	0.00	0.00	0.00	0.00	0.00	0.00
P-1816	J-1507	J-1506	0.00	0.00	0.00	0.00	0.00	0.00
P-1817	J-1506	J-1507	0.00	0.00	0.00	0.00	0.00	0.00
P-1818	J-1505	J-1509	0.00	0.00	0.00	0.00	0.00	0.00
P-1819	J-1508	J-1503	0.00	0.00	0.00	0.00	0.00	0.00
P-182	J-314	J-164	37.08	0.05	0.00	0.24	0.08	0.08
P-1820	J-1508	J-1510	0.00	0.00	0.00	0.00	0.00	0.00
P-1821	J-1509	J-1508	0.00	0.00	0.00	0.00	0.00	0.00
P-1822	J-1509	J-1511	0.00	0.00	0.00	0.00	0.00	0.00
P-1823	J-1512	J-1516	0.00	0.00	0.00	0.00	0.00	0.00
P-1824	J-1512	J-1513	0.00	0.00	0.00	0.00	0.00	0.00
P-1825	J-1514	J-1512	0.00	0.00	0.00	0.00	0.00	0.00
P-1826	J-1511	J-1514	0.00	0.00	0.00	0.00	0.00	0.00
P-1827	J-1511	J-1515	0.00	0.00	0.00	0.00	0.00	0.00
P-1828	J-1516	J-1514	0.00	0.00	0.00	0.00	0.00	0.00
P-1829	J-1516	J-1515	0.00	0.00	0.00	0.00	0.00	0.00
P-183	J-317	J-165	83.45	0.17	0.00	0.53	0.37	0.37
P-1830	J-1517	J-1504	0.00	0.00	0.00	0.00	0.00	0.00
P-1831	J-1515	J-1517	0.00	0.00	0.00	0.00	0.00	0.00
P-1832	J-1517	J-1518	0.00	0.00	0.00	0.00	0.00	0.00
P-1833	J-1518	J-1520	58.90	0.22	0.00	0.67	0.78	0.78
P-1834	J-1520	J-1519	0.00	0.00	0.00	0.00	0.00	0.00
P-1835	J-1520	J-1524	58.90	0.19	0.00	0.67	0.78	0.78
P-1836	J-1521	J-1522	0.00	0.00	0.00	0.00	0.00	0.00
P-1837	J-1521	J-1523	0.00	0.00	0.00	0.00	0.00	0.00
P-1838	J-1524	J-1521	0.00	0.00	0.00	0.00	0.00	0.00
P-1839	J-1524	J-1292	58.90	0.46	0.00	0.67	0.78	0.78
P-184	J-165	J-166	116.50	0.35	0.00	0.74	0.68	0.68
P-1840	J-1545	J-994	226.42	0.79	0.00	1.45	2.33	2.33
P-1841	J-994	J-1526	285.32	0.95	0.00	1.82	3.58	3.58
P-1842	J-1526	J-1535	73.23	0.98	0.00	0.83	1.17	1.17
P-1843	J-1528	J-1527	11.78	0.01	0.00	0.13	0.04	0.04
P-1844	J-1528	J-1537	11.75	0.04	0.00	0.13	0.04	0.04
P-1845	J-1530	J-1533	23.99	0.15	0.00	0.27	0.15	0.15
P-1846	J-1544	J-1529	46.37	0.09	0.00	0.53	0.50	0.50
P-1847	J-1532	J-1529	0.47	0.00	0.00	0.01	0.00	0.00
P-1848	J-1533	J-1532	0.47	0.01	0.00	0.04	0.01	0.01
P-1849	J-1533	J-1528	23.52	0.08	0.00	0.27	0.14	0.14
P-185	J-166	J-37	208.09	0.15	0.00	0.59	0.28	0.28
P-1850	J-1531	J-1530	73.23	0.37	0.00	0.83	1.17	1.17
P-1851	J-1531	J-1534	0.00	0.00	0.00	0.00	0.00	0.00
P-1852	J-1535	J-1531	73.23	0.39	0.00	0.83	1.17	1.17

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P-1853	J-1535	J-1536	0.00	0.00	0.00	0.00	0.00	0.00
P-1854	J-1537	J-1539	23.52	0.02	0.00	0.27	0.14	0.14
P-1855	J-1527	J-1537	11.78	0.03	0.00	0.12	0.02	0.02
P-1856	J-1497	J-1501	31.11	0.18	0.00	0.35	0.24	0.24
P-1857	J-1529	J-1539	46.84	0.14	0.00	0.53	0.51	0.51
P-1858	J-1539	J-1540	70.36	0.71	0.00	0.80	1.09	1.09
P-1859	J-1542	J-1541	214.95	0.93	0.00	1.37	2.12	2.12
P-186	J-328	J-167	4.23	0.00	0.00	0.03	0.00	0.00
P-1860	J-1540	J-1541	70.36	0.00	0.00	0.45	0.27	0.27
P-1861	J-1543	J-1542	212.09	0.88	0.00	1.35	2.06	2.06
P-1862	J-1544	J-1542	2.87	0.00	0.00	0.03	0.00	0.00
P-1863	J-1530	J-1544	49.24	0.08	0.00	0.56	0.56	0.56
P-1864	J-1526	J-1543	212.09	0.94	0.00	1.35	2.06	2.06
P-1865	J-1543	J-1546	0.00	0.00	0.00	0.00	0.00	0.00
P-1866	J-1502	J-1545	220.21	1.07	0.00	1.41	2.21	2.21
P-1867	J-1548	J-1545	6.21	0.44	0.00	0.50	1.44	1.44
P-1868	J-1548	J-1547	0.00	0.00	0.00	0.00	0.00	0.00
P-1869	J-1549	J-1548	6.21	0.34	0.00	0.50	1.44	1.44
P-187	J-169	J-327	276.07	0.13	0.00	0.78	0.47	0.47
P-1870	J-1550	J-1518	58.90	0.15	0.00	0.38	0.19	0.19
P-1871	J-1550	J-1549	6.21	0.00	0.00	0.07	0.01	0.01
P-1872	J-1552	J-1420	0.00	0.00	0.00	0.00	0.00	0.00
P-1873	J-1551	J-1552	0.00	0.00	0.00	0.00	0.00	0.00
P-1874	J-1553	J-1552	0.27	0.00	0.00	0.01	0.00	0.00
P-1875	J-1553	J-1554	0.00	0.00	0.00	0.00	0.00	0.00
P-1876	J-1421	J-1553	0.27	0.00	0.00	0.01	0.00	0.00
P-1877	J-1556	J-1555	2.57	0.00	0.00	0.02	0.00	0.00
P-1878	J-1555	J-1421	2.57	0.00	0.00	0.07	0.02	0.02
P-1879	J-1424	J-1556	2.57	0.01	0.00	0.07	0.02	0.02
P-188	J-168	J-173	338.99	0.19	0.00	0.96	0.68	0.68
P-1880	J-1556	J-1558	0.00	0.00	0.00	0.00	0.00	0.00
P-1881	J-1427	J-1557	28.04	0.00	0.00	0.18	0.05	0.05
P-1882	J-1557	J-1559	0.00	0.00	0.00	0.00	0.00	0.00
P-1883	J-1063	J-1560	28.04	0.04	0.00	0.18	0.05	0.05
P-1884	J-1562	J-1561	28.04	0.00	0.00	0.18	0.05	0.05
P-1885	J-1560	J-1984	0.00	0.00	0.00	0.00	0.00	0.00
P-1886	J-1423	J-1562	28.04	0.03	0.00	0.18	0.05	0.05
P-1887	J-1562	J-1563	0.00	0.00	0.00	0.00	0.00	0.00
P-1888	J-1563	J-1564	0.00	0.00	0.00	0.00	0.00	0.00
P-1889	J-1564	J-1563	0.00	0.00	0.00	0.00	0.00	0.00
P-189	J-168	J-170	0.00	0.00	0.00	0.00	0.00	0.00
P-1890	J-1416	J-1565	285.32	0.62	0.00	1.82	3.58	3.58
P-1891	J-1565	J-1566	7.83	0.01	0.00	0.09	0.02	0.02
P-1892	J-1568	J-1566	13.03	0.09	0.00	0.33	0.34	0.34
P-1893	J-1501	J-1567	0.00	0.00	0.00	0.00	0.00	0.00
P-1894	J-1576	J-1992	0.00	0.00	0.00	0.00	0.00	0.00
P-1895	J-1568	J-1569	0.00	0.00	0.00	0.00	0.00	0.00
P-1896	J-1573	J-1568	13.03	0.01	0.00	0.15	0.05	0.05
P-1897	J-1571	J-1570	0.00	0.00	0.00	0.00	0.00	0.00
P-1898	J-1571	J-1572	0.00	0.00	0.00	0.00	0.00	0.00
P-1899	J-1573	J-1571	0.00	0.00	0.00	0.00	0.00	0.00
P-19	J-18	J-156	220.63	0.30	0.00	0.63	0.31	0.31
P-190	J-1820	J-131	68.26	0.02	0.00	0.19	0.04	0.04
P-1900	J-1574	J-1573	13.03	0.05	0.00	0.15	0.05	0.05
P-1901	J-1390	J-1574	547.16	0.01	0.00	0.81	0.21	0.21
P-1902	J-1569	J-1575	0.00	0.00	0.00	0.00	0.00	0.00
P-1903	J-1501	J-1576	31.11	0.14	0.00	0.35	0.24	0.24

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P-1904	J-1081	J-1577	2083.14	1.85	0.00	3.09	2.46	2.46
P-1905	J-1280	J-1635	157.76	0.73	0.00	1.01	1.19	1.19
P-1906	J-1579	J-1578	85.35	0.28	0.00	0.97	1.55	1.55
P-1907	J-1580	J-1579	6.07	0.00	0.00	0.04	0.00	0.00
P-1908	J-1581	J-1586	128.27	0.50	0.00	0.82	0.81	0.81
P-1909	J-1582	J-1581	72.51	0.02	0.00	0.46	0.28	0.28
P-191	J-125	J-131	118.11	0.58	0.00	1.34	2.83	2.83
P-1910	J-1580	J-1582	72.51	0.13	0.00	0.82	1.15	1.15
P-1911	J-1583	J-1580	78.58	0.25	0.00	0.89	1.33	1.33
P-1912	J-1640	J-1583	14.81	0.00	0.00	0.09	0.01	0.01
P-1913	J-1584	J-1581	55.76	0.05	0.00	0.36	0.17	0.17
P-1914	J-1655	J-1583	63.77	0.11	0.00	0.72	0.91	0.91
P-1915	J-1578	J-1585	0.00	0.00	0.00	0.00	0.00	0.00
P-1916	J-1578	J-1586	85.35	0.37	0.00	0.97	1.55	1.55
P-1917	J-1586	J-1643	213.62	0.46	0.00	1.36	2.09	2.09
P-1918	J-1588	J-1587	0.00	0.00	0.00	0.00	0.00	0.00
P-1919	J-1588	J-1589	0.00	0.00	0.00	0.00	0.00	0.00
P-192	J-173	J-15	338.99	0.20	0.00	0.96	0.68	0.68
P-1920	J-1590	J-1588	0.00	0.00	0.00	0.00	0.00	0.00
P-1921	J-1590	J-1591	0.00	0.00	0.00	0.00	0.00	0.00
P-1922	J-1592	J-1590	0.00	0.00	0.00	0.00	0.00	0.00
P-1923	J-1592	J-1593	0.00	0.00	0.00	0.00	0.00	0.00
P-1924	J-1594	J-1592	0.00	0.00	0.00	0.00	0.00	0.00
P-1925	J-1594	J-1595	0.00	0.00	0.00	0.00	0.00	0.00
P-1926	J-1596	J-1594	0.00	0.00	0.00	0.00	0.00	0.00
P-1927	J-1596	J-1652	130.94	0.09	0.00	1.49	3.43	3.43
P-1928	J-1597	J-1599	89.91	0.56	0.00	0.57	0.42	0.42
P-1929	J-1597	J-1598	46.43	0.18	0.00	0.53	0.50	0.50
P-193	J-173	J-175	0.00	0.00	0.00	0.00	0.00	0.00
P-1930	J-1598	J-1599	41.03	0.39	0.00	0.47	0.40	0.40
P-1931	J-1599	J-1596	130.94	0.33	0.00	0.84	0.85	0.85
P-1932	J-1584	J-1600	82.43	0.22	0.00	0.53	0.36	0.36
P-1933	J-1600	J-1649	236.38	1.48	0.00	1.51	2.52	2.52
P-1934	J-1601	J-1773	334.34	0.69	0.00	2.13	4.80	4.80
P-1935	J-1607	J-1601	153.46	2.13	0.00	1.74	4.60	4.60
P-1936	J-1604	J-1603	0.00	0.00	0.00	0.00	0.00	0.00
P-1937	J-1606	J-1604	88.58	3.15	0.00	1.01	1.66	1.66
P-1938	J-1606	J-1605	361.42	2.59	0.00	2.31	5.54	5.54
P-1939	J-1605	J-1764	296.54	2.77	0.00	1.89	3.84	3.84
P-194	J-174	J-714	92.26	0.01	0.00	0.26	0.06	0.06
P-1940	J-1605	J-1607	64.88	1.22	0.00	0.74	0.93	0.93
P-1941	J-1604	J-1607	88.58	0.66	0.00	1.01	1.66	1.66
P-1942	J-1608	J-1606	450.00	4.72	0.00	2.87	8.32	8.32
P-1943	J-1608	J-1609	0.00	0.00	0.00	0.00	0.00	0.00
P-1944	J-1608	J-1610	0.00	0.00	0.00	0.00	0.00	0.00
P-1945	J-1611	J-1608	450.00	2.89	0.00	2.87	8.32	8.32
P-1946	J-1611	J-1613	0.00	0.00	0.00	0.00	0.00	0.00
P-1947	J-1613	J-1612	0.00	0.00	0.00	0.00	0.00	0.00
P-1948	J-1613	J-1614	0.00	0.00	0.00	0.00	0.00	0.00
P-1949	J-1615	J-1611	450.00	7.85	0.00	2.87	8.32	8.32
P-195	J-174	J-176	0.00	0.00	0.00	0.00	0.00	0.00
P-1950	J-1615	J-1616	0.00	0.00	0.00	0.00	0.00	0.00
P-1951	J-1616	J-1617	0.00	0.00	0.00	0.00	0.00	0.00
P-1952	J-1616	J-1618	0.00	0.00	0.00	0.00	0.00	0.00
P-1953	J-1619	J-1628	67.54	0.05	0.00	0.43	0.25	0.25
P-1954	J-1619	J-1620	0.00	0.00	0.00	0.00	0.00	0.00
P-1955	J-1620	J-1621	0.00	0.00	0.00	0.00	0.00	0.00

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P-1956	J-1620	J-1622	0.00	0.00	0.00	0.00	0.00	0.00
P-1957	J-1622	J-1623	0.00	0.00	0.00	0.00	0.00	0.00
P-1958	J-1622	J-1625	0.00	0.00	0.00	0.00	0.00	0.00
P-1959	J-1624	J-1619	67.54	0.25	0.00	0.43	0.25	0.25
P-196	J-177	J-174	92.26	0.03	0.00	0.26	0.06	0.06
P-1960	J-1624	J-1627	0.00	0.00	0.00	0.00	0.00	0.00
P-1961	J-1626	J-1624	67.54	0.19	0.00	0.43	0.25	0.25
P-1962	J-1626	J-1630	39.44	0.24	0.00	0.45	0.37	0.37
P-1963	J-1628	J-1600	106.49	0.31	0.00	0.68	0.58	0.58
P-1964	J-1629	J-1600	47.46	0.56	0.00	0.54	0.52	0.52
P-1965	J-1630	J-1628	38.95	0.25	0.00	0.44	0.36	0.36
P-1966	J-1630	J-1629	0.49	0.00	0.00	0.01	0.00	0.00
P-1967	J-1632	J-1629	46.97	0.54	0.00	0.53	0.51	0.51
P-1968	J-1631	J-1584	138.19	0.35	0.00	0.88	0.93	0.93
P-1969	J-1645	J-1631	153.00	0.52	0.00	0.98	1.13	1.13
P-197	J-177	J-178	0.00	0.00	0.00	0.00	0.00	0.00
P-1970	J-1632	J-1633	3.82	0.00	0.00	0.02	0.00	0.00
P-1971	J-1633	J-1634	0.00	0.00	0.00	0.00	0.00	0.00
P-1972	J-1638	J-1632	50.79	0.01	0.00	0.32	0.15	0.15
P-1973	J-1635	J-1626	106.97	0.45	0.00	0.68	0.58	0.58
P-1974	J-1635	J-1636	50.79	0.05	0.00	0.32	0.15	0.15
P-1975	J-1636	J-1637	0.00	0.00	0.00	0.00	0.00	0.00
P-1976	J-1636	J-1638	50.79	0.10	0.00	0.32	0.15	0.15
P-1977	J-1638	J-1639	0.00	0.00	0.00	0.00	0.00	0.00
P-1978	J-1631	J-1640	14.81	0.00	0.00	0.09	0.01	0.01
P-1979	J-1640	J-1642	0.00	0.00	0.00	0.00	0.00	0.00
P-198	J-158	J-179	49.59	0.31	0.00	0.32	0.14	0.14
P-1980	J-1272	J-1641	18.66	0.12	0.00	0.21	0.09	0.09
P-1981	J-1641	J-1644	5.30	0.50	0.00	0.43	1.07	1.07
P-1982	J-1276	J-1644	143.89	0.48	0.00	0.92	1.01	1.01
P-1983	J-1644	J-1645	149.19	0.48	0.00	0.95	1.08	1.08
P-1984	J-1633	J-1645	3.82	0.00	0.00	0.02	0.00	0.00
P-1985	J-1643	J-1646	167.24	0.47	0.00	1.07	1.33	1.33
P-1986	J-1643	J-1647	46.38	0.66	0.00	0.53	0.50	0.50
P-1987	J-1646	J-1597	136.34	0.33	0.00	0.87	0.91	0.91
P-1988	J-1646	J-1647	30.90	0.20	0.00	0.35	0.24	0.24
P-1989	J-1647	J-1648	61.81	0.32	0.00	0.70	0.85	0.85
P-199	J-179	J-180	9.59	0.00	0.00	0.06	0.01	0.01
P-1990	J-1598	J-1648	5.40	0.00	0.00	0.06	0.01	0.01
P-1991	J-1647	J-1649	15.46	0.03	0.00	0.18	0.07	0.07
P-1992	J-1649	J-1651	251.84	1.90	0.00	1.61	2.84	2.84
P-1993	J-1649	J-1650	0.00	0.00	0.00	0.00	0.00	0.00
P-1994	J-1651	J-1615	450.00	5.15	0.00	2.87	8.32	8.32
P-1995	J-1652	J-1651	198.16	0.81	0.00	1.26	1.82	1.82
P-1996	J-1648	J-1652	67.21	0.80	0.00	0.76	1.00	1.00
P-1997	J-1653	J-1721	0.00	0.00	0.00	0.00	0.00	0.00
P-1998	J-1654	J-1723	0.00	0.00	0.00	0.00	0.00	0.00
P-1999	J-1654	J-1656	0.00	0.00	0.00	0.00	0.00	0.00
P-2	J-1	J-4	2263.98	1.36	0.00	2.15	0.96	0.96
P-20	J-1874	J-18	126.30	0.06	0.00	0.36	0.11	0.11
P-200	J-179	J-181	40.00	0.04	0.00	0.26	0.09	0.09
P-2000	J-1661	J-1655	15.41	0.02	0.00	0.17	0.07	0.07
P-2001	J-1660	J-1655	48.36	0.38	0.00	0.55	0.54	0.54
P-2002	J-1657	J-1579	79.28	0.42	0.00	0.90	1.35	1.35
P-2003	J-1662	J-1658	44.74	0.14	0.00	0.51	0.47	0.47
P-2004	J-1657	J-1659	15.41	0.02	0.00	0.17	0.07	0.07
P-2005	J-1658	J-1731	0.00	0.00	0.00	0.00	0.00	0.00

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P-2006	J-1675	J-1660	48.36	0.10	0.00	0.55	0.54	0.54
P-2007	J-1659	J-1661	15.41	0.02	0.00	0.17	0.07	0.07
P-2008	J-1660	J-1719	0.00	0.00	0.00	0.00	0.00	0.00
P-2009	J-1673	J-1662	13.27	0.00	0.00	0.15	0.05	0.05
P-201	J-112	J-1784	1847.13	4.73	0.00	2.74	1.97	1.97
P-2010	J-1677	J-1662	31.46	0.08	0.00	0.36	0.24	0.24
P-2011	J-1681	J-1664	27.04	0.05	0.00	0.31	0.18	0.18
P-2012	J-1664	J-1674	24.82	0.06	0.00	0.28	0.16	0.16
P-2013	J-1666	J-1665	0.00	0.00	0.00	0.00	0.00	0.00
P-2014	J-1669	J-1666	19.55	0.05	0.00	0.22	0.10	0.10
P-2015	J-1668	J-1667	0.00	0.00	0.00	0.00	0.00	0.00
P-2016	J-1691	J-1669	23.99	0.05	0.00	0.27	0.15	0.15
P-2017	J-1669	J-1672	4.44	0.00	0.00	0.05	0.01	0.01
P-2018	J-1666	J-1670	19.55	0.03	0.00	0.22	0.10	0.10
P-2019	J-1672	J-1671	2.61	0.00	0.00	0.03	0.00	0.00
P-202	J-186	J-182	0.00	0.00	0.00	0.00	0.00	0.00
P-2020	J-1672	J-1670	1.83	0.07	0.00	0.15	0.15	0.15
P-2021	J-1673	J-1657	94.69	0.63	0.00	1.07	1.88	1.88
P-2022	J-1670	J-1674	21.38	0.04	0.00	0.24	0.12	0.12
P-2023	J-1674	J-1673	107.96	0.20	0.00	0.69	0.59	0.59
P-2024	J-1671	J-1674	61.76	0.11	0.00	0.39	0.21	0.21
P-2025	J-1663	J-1671	59.15	0.06	0.00	0.38	0.19	0.19
P-2026	J-1676	J-1663	83.61	0.12	0.00	0.53	0.37	0.37
P-2027	J-1680	J-1676	44.45	0.07	0.00	0.28	0.11	0.11
P-2028	J-1658	J-1675	44.74	0.06	0.00	0.51	0.47	0.47
P-2029	J-1989	J-1675	3.62	0.00	0.00	0.04	0.00	0.00
P-203	J-185	J-1745	0.00	0.00	0.00	0.00	0.00	0.00
P-2030	J-1678	J-1677	35.09	0.19	0.00	0.40	0.30	0.30
P-2031	J-1664	J-1678	2.22	0.00	0.00	0.03	0.00	0.00
P-2032	J-1679	J-1678	32.86	0.09	0.00	0.37	0.27	0.27
P-2033	J-1701	J-1680	65.99	0.29	0.00	0.42	0.24	0.24
P-2034	J-1682	J-1679	33.98	0.10	0.00	0.39	0.28	0.28
P-2035	J-1679	J-1681	1.11	0.03	0.00	0.09	0.06	0.06
P-2036	J-1663	J-1681	25.93	0.06	0.00	0.29	0.17	0.17
P-2037	J-1680	J-1682	35.45	0.12	0.00	0.40	0.31	0.31
P-2038	J-1682	J-1663	1.48	0.07	0.00	0.12	0.10	0.10
P-2039	J-1696	J-1680	13.92	0.02	0.00	0.16	0.05	0.05
P-204	J-188	J-185	2.34	0.00	0.00	0.01	0.00	0.00
P-2040	J-1683	J-1727	29.42	0.04	0.00	0.19	0.05	0.05
P-2041	J-1683	J-1684	26.91	0.05	0.00	0.31	0.18	0.18
P-2042	J-1684	J-1686	4.64	0.01	0.00	0.05	0.01	0.01
P-2043	J-1686	J-1698	44.13	0.03	0.00	0.28	0.11	0.11
P-2044	J-1687	J-1686	6.86	0.01	0.00	0.08	0.01	0.01
P-2045	J-1995	J-1687	7.99	0.01	0.00	0.09	0.02	0.02
P-2046	J-1685	J-1687	5.02	0.00	0.00	0.06	0.01	0.01
P-2047	J-1685	J-1689	4.51	0.01	0.00	0.05	0.01	0.01
P-2048	J-1689	J-1688	0.00	0.00	0.00	0.00	0.00	0.00
P-2049	J-1689	J-1690	4.51	0.00	0.00	0.05	0.01	0.01
P-205	J-187	J-52	0.00	0.00	0.00	0.00	0.00	0.00
P-2050	J-1687	J-1690	6.15	0.00	0.00	0.07	0.01	0.01
P-2051	J-1690	J-1695	10.66	0.02	0.00	0.12	0.03	0.03
P-2052	J-1691	J-1667	0.00	0.00	0.00	0.00	0.00	0.00
P-2053	J-1676	J-1691	23.99	0.13	0.00	0.27	0.15	0.15
P-2054	J-1693	J-1694	0.00	0.00	0.00	0.00	0.00	0.00
P-2055	J-1694	J-1676	63.14	0.08	0.00	0.40	0.22	0.22
P-2056	J-1695	J-1715	0.00	0.00	0.00	0.00	0.00	0.00
P-2057	J-1695	J-1697	10.66	0.02	0.00	0.12	0.03	0.03

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P-2058	J-1697	J-1694	54.66	0.05	0.00	0.35	0.17	0.17
P-2059	J-1699	J-1696	22.40	0.04	0.00	0.25	0.13	0.13
P-206	J-189	J-64	0.00	0.00	0.00	0.00	0.00	0.00
P-2060	J-1696	J-1694	8.48	0.01	0.00	0.10	0.02	0.02
P-2061	J-1698	J-1697	44.00	0.01	0.00	0.28	0.11	0.11
P-2062	J-1698	J-1699	0.12	0.00	0.00	0.01	0.00	0.00
P-2063	J-1684	J-1699	22.27	0.04	0.00	0.25	0.13	0.13
P-2064	J-1700	J-1685	9.53	0.03	0.00	0.11	0.03	0.03
P-2065	J-1702	J-1700	20.73	0.05	0.00	0.24	0.11	0.11
P-2066	J-1702	J-1683	56.33	0.04	0.00	0.36	0.18	0.18
P-2067	J-1701	J-1702	77.06	0.10	0.00	0.49	0.32	0.32
P-2068	J-1703	J-1701	143.05	0.43	0.00	0.91	1.00	1.00
P-2069	J-1703	J-1704	0.00	0.00	0.00	0.00	0.00	0.00
P-207	J-189	J-191	0.00	0.00	0.00	0.00	0.00	0.00
P-2070	J-1712	J-1703	143.05	0.08	0.00	0.83	0.48	0.48
P-2071	J-1706	J-1705	6.18	0.00	0.00	0.04	0.00	0.00
P-2072	J-1707	J-1705	16.89	0.00	0.00	0.10	0.01	0.01
P-2073	J-1707	J-1708	6.18	0.00	0.00	0.04	0.00	0.00
P-2074	J-1709	J-1707	23.08	0.00	0.00	0.13	0.02	0.02
P-2075	J-1709	J-1710	0.00	0.00	0.00	0.00	0.00	0.00
P-2076	J-1711	J-1709	23.08	0.00	0.00	0.13	0.02	0.02
P-2077	J-1705	J-1712	23.08	0.02	0.00	0.13	0.02	0.02
P-2078	J-1713	J-1712	119.97	0.09	0.00	0.70	0.34	0.34
P-2079	J-1714	J-1713	143.05	0.07	0.00	0.83	0.48	0.48
P-208	J-193	J-190	3.00	0.00	0.00	0.03	0.00	0.00
P-2080	J-1713	J-1711	23.08	0.07	0.00	0.24	0.07	0.07
P-2081	J-1715	J-1692	0.00	0.00	0.00	0.00	0.00	0.00
P-2082	J-1715	J-1722	0.00	0.00	0.00	0.00	0.00	0.00
P-2083	J-1717	J-1718	0.00	0.00	0.00	0.00	0.00	0.00
P-2084	J-1718	J-1716	0.00	0.00	0.00	0.00	0.00	0.00
P-2085	J-1718	J-1720	0.00	0.00	0.00	0.00	0.00	0.00
P-2086	J-1677	J-1989	3.62	0.28	0.00	0.29	0.53	0.53
P-2087	J-1720	J-1722	0.00	0.00	0.00	0.00	0.00	0.00
P-2088	J-1722	J-1717	0.00	0.00	0.00	0.00	0.00	0.00
P-2089	J-1721	J-1654	0.00	0.00	0.00	0.00	0.00	0.00
P-209	J-193	J-385	0.00	0.00	0.00	0.00	0.00	0.00
P-2090	J-1721	J-1724	0.00	0.00	0.00	0.00	0.00	0.00
P-2091	J-1723	J-1585	0.00	0.00	0.00	0.00	0.00	0.00
P-2092	J-1723	J-1725	0.00	0.00	0.00	0.00	0.00	0.00
P-2093	J-1688	I-RV-6	0.00	0.00	0.00	0.00	0.00	0.00
P-2094	J-1732	J-1728	0.00	0.00	0.00	0.00	0.00	0.00
P-2095	J-1130	J-1994	0.00	0.00	0.00	0.00	0.00	0.00
P-2096	J-1727	J-1686	32.63	0.02	0.00	0.21	0.06	0.06
P-2097	J-1728	J-1130	0.00	0.00	0.00	0.00	0.00	0.00
P-2098	J-1988	J-1732	0.00	0.00	0.00	0.00	0.00	0.00
P-2099	J-1265	J-1990	187.33	0.05	0.00	1.09	0.79	0.79
P-21	J-19	J-157	49.59	0.00	0.00	0.14	0.02	0.02
P-210	J-195	J-193	3.00	0.01	0.00	0.03	0.00	0.00
P-2100	J-1287	J-1991	1.31	0.06	0.00	0.13	0.14	0.14
P-2101	J-1732	J-1737	0.00	0.00	0.00	0.00	0.00	0.00
P-2102	J-1735	J-1734	0.00	0.00	0.00	0.00	0.00	0.00
P-2103	J-1735	J-1736	0.00	0.00	0.00	0.00	0.00	0.00
P-2104	J-1736	J-1735	0.00	0.00	0.00	0.00	0.00	0.00
P-2105	J-1737	J-1736	0.00	0.00	0.00	0.00	0.00	0.00
P-2106	J-1737	J-1741	0.00	0.00	0.00	0.00	0.00	0.00
P-2107	J-1739	J-1738	0.00	0.00	0.00	0.00	0.00	0.00
P-2108	J-1738	J-1740	0.00	0.00	0.00	0.00	0.00	0.00

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P-2109	J-1738	J-1742	0.00	0.00	0.00	0.00	0.00	0.00
P-211	J-47	J-195	44.87	0.04	0.00	0.26	0.06	0.06
P-2110	J-1741	J-1739	0.00	0.00	0.00	0.00	0.00	0.00
P-2111	J-1741	J-1743	0.00	0.00	0.00	0.00	0.00	0.00
P-2112	J-634	J-1744	0.00	0.00	0.00	0.00	0.00	0.00
P-2113	J-1745	J-1952	0.00	0.00	0.00	0.00	0.00	0.00
P-2114	J-1745	J-1746	0.00	0.00	0.00	0.00	0.00	0.00
P-2115	J-1069	J-1747	40.03	0.13	0.00	0.41	0.28	0.28
P-2116	J-1751	J-1949	0.00	0.00	0.00	0.00	0.00	0.00
P-2117	J-1748	J-1852	64.99	0.04	0.00	0.38	0.11	0.11
P-2118	J-1750	J-1952	0.00	0.00	0.00	0.00	0.00	0.00
P-2119	J-1787	J-1852	1139.56	0.12	0.00	1.08	0.27	0.27
P-212	J-195	J-194	41.87	0.02	0.00	0.24	0.05	0.05
P-2120	J-1898	J-382	46.47	0.04	0.00	0.27	0.06	0.06
P-2121	J-1753	J-1755	0.00	0.00	0.00	0.00	0.00	0.00
P-2122	J-1755	J-1754	0.00	0.00	0.00	0.00	0.00	0.00
P-2123	J-46	J-48	0.00	0.00	0.00	0.00	0.00	0.00
P-2124	J-46	J-1757	0.00	0.00	0.00	0.00	0.00	0.00
P-2125	J-1757	J-82	0.00	0.00	0.00	0.00	0.00	0.00
P-2126	J-215	J-1756	145.27	0.20	0.00	0.93	0.42	0.42
P-2127	J-1756	J-1759	0.00	0.00	0.00	0.00	0.00	0.00
P-2128	O-P-G5	J-1480	2714.70	0.94	0.00	7.14	16.22	16.22
P-2129	J-916	J-1133	0.00	0.00	0.00	0.00	0.00	0.00
P-213	J-194	J-384	2.34	0.00	0.00	0.03	0.00	0.00
P-2130	J-552	J-559	344.16	0.16	0.00	0.72	0.33	0.33
P-2131	J-1292	J-994	58.90	0.56	0.00	0.67	0.78	0.78
P-2132	J-1525	J-1293	108.33	0.01	0.00	0.31	0.08	0.08
P-2133	J-1760	J-1758	31.53	0.00	0.00	0.09	0.01	0.01
P-2134	J-1761	J-1760	31.53	0.01	0.00	0.09	0.01	0.01
P-2135	J-1763	J-1761	31.53	0.00	0.00	0.09	0.01	0.01
P-2136	J-1762	J-811	57.67	0.02	0.00	0.16	0.03	0.03
P-2137	J-864	J-1763	31.53	0.01	0.00	0.09	0.01	0.01
P-2138	J-1764	J-1601	180.88	0.58	0.00	1.15	1.54	1.54
P-2139	J-1764	J-1769	115.66	2.00	0.00	1.20	1.32	1.32
P-214	J-196	J-197	0.00	0.00	0.00	0.00	0.00	0.00
P-2140	J-655	J-605	0.00	0.00	0.00	0.00	0.00	0.00
P-2141	J-583	J-1766	0.00	0.00	0.00	0.00	0.00	0.00
P-2142	J-483	J-481	54.83	0.00	0.00	0.35	0.17	0.17
P-2143	J-1047	J-482	0.00	0.00	0.00	0.00	0.00	0.00
P-2144	J-1769	J-1770	115.66	0.24	0.00	0.67	0.32	0.32
P-2145	J-1767	J-142	126.00	0.00	0.00	0.36	0.11	0.11
P-2146	J-1770	J-1771	450.00	1.40	0.00	2.87	8.32	8.32
P-2147	J-1771	J-1602	450.00	6.11	0.00	2.87	8.32	8.32
P-2148	J-1773	J-1770	334.34	0.96	0.00	2.13	4.80	4.80
P-2149	J-1774	J-582	305.58	1.40	0.00	1.95	4.06	4.06
P-215	J-196	J-188	2.34	0.00	0.00	0.03	0.00	0.00
P-2150	J-1774	J-1775	0.00	0.00	0.00	0.00	0.00	0.00
P-2151	J-740	J-1776	35.69	0.23	0.00	0.40	0.31	0.31
P-2152	J-1776	J-1777	0.00	0.00	0.00	0.00	0.00	0.00
P-2153	J-861	J-1779	0.00	0.00	0.00	0.00	0.00	0.00
P-2154	J-1778	J-113	1847.13	3.89	0.00	2.74	1.97	1.97
P-2155	J-1780	J-1793	0.00	0.00	0.00	0.00	0.00	0.00
P-2156	J-1781	J-983	0.00	0.00	0.00	0.00	0.00	0.00
P-2157	J-1782	J-1783	1900.00	6.22	0.00	2.82	2.07	2.07
P-2158	J-1783	J-736	1900.00	3.12	0.00	2.82	2.07	2.07
P-2159	J-1784	J-1778	1847.13	12.60	0.00	2.74	1.97	1.97
P-216	J-199	J-198	128.04	0.68	0.00	1.45	1.35	1.35

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P-2160	J-958	J-907	18.29	0.18	0.00	0.45	0.28	0.28
P-2161	J-1785	J-1829	0.00	0.00	0.00	0.00	0.00	0.00
P-2162	J-1852	J-112	1204.55	0.77	0.00	1.14	0.30	0.30
P-2163	J-1788	J-946	1139.56	1.08	0.00	1.08	0.27	0.27
P-2164	J-442	J-1791	66.04	0.09	0.00	0.42	0.24	0.24
P-2165	J-1790	J-1787	1139.56	0.61	0.00	1.08	0.27	0.27
P-2166	J-1791	J-1837	0.00	0.00	0.00	0.00	0.00	0.00
P-2167	J-1792	J-1780	0.00	0.00	0.00	0.00	0.00	0.00
P-2168	J-1793	J-955	0.00	0.00	0.00	0.00	0.00	0.00
P-2169	J-1797	J-860	39.36	0.07	0.00	0.41	0.18	0.18
P-217	J-199	J-1753	0.00	0.00	0.00	0.00	0.00	0.00
P-2170	J-1795	J-425	157.08	0.05	0.00	0.33	0.08	0.08
P-2171	J-1796	J-525	53.68	0.32	0.00	0.61	0.66	0.66
P-2172	J-1795	J-1796	29.08	0.00	0.00	0.30	0.10	0.10
P-2173	J-1797	J-1795	186.16	0.00	0.00	0.39	0.11	0.11
P-2174	J-23	J-1772	0.00	0.00	0.00	0.00	0.00	0.00
P-2175	J-23	J-1798	0.00	0.00	0.00	0.00	0.00	0.00
P-2176	J-1794	J-1798	0.00	0.00	0.00	0.00	0.00	0.00
P-2177	J-1800	J-5	300.00	0.02	0.00	0.48	0.13	0.13
P-2178	J-1800	J-1801	0.00	0.00	0.00	0.00	0.00	0.00
P-2179	J-1799	J-1801	0.00	0.00	0.00	0.00	0.00	0.00
P-218	J-200	J-199	128.04	2.29	0.00	1.45	1.35	1.35
P-2180	J-1026	J-1853	0.00	0.00	0.00	0.00	0.00	0.00
P-2181	J-1807	J-1802	481.57	0.01	0.00	1.37	1.31	1.31
P-2182	J-1802	J-1804	157.52	0.02	0.00	0.45	0.17	0.17
P-2183	J-1804	J-295	157.52	10.08	0.00	1.79	4.83	4.83
P-2184	J-1802	J-1806	324.05	0.00	0.00	0.92	0.63	0.63
P-2185	J-34	J-1805	1491.06	3.28	0.00	4.23	10.62	10.62
P-2186	J-1807	J-35	437.58	1.10	0.00	1.24	1.10	1.10
P-2187	J-1805	J-1807	919.15	0.06	0.00	2.61	4.33	4.33
P-2188	J-1810	J-1815	0.00	0.00	0.00	0.00	0.00	0.00
P-2189	J-1809	J-1833	3623.45	0.75	0.00	2.38	0.95	0.95
P-219	J-56	J-200	57.67	0.01	0.00	0.33	0.09	0.09
P-2190	O-P-EF1	J-1810	3623.45	1.21	0.00	21.03	189.99	189.99
P-2191	J-1808	I-P-EF1	3623.45	0.42	0.00	13.68	66.76	66.76
P-2192	J-1812	J-1813	3623.45	0.00	0.00	1.53	0.32	0.32
P-2193	J-1812	I-P-EF3	0.00	0.00	0.00	0.00	0.00	0.00
P-2194	O-P-EF3	J-1811	0.00	0.00	0.00	0.00	0.00	0.00
P-2195	J-1813	J-1808	3623.45	0.00	0.00	1.53	0.32	0.32
P-2196	J-1813	I-P-EF2	0.00	0.00	0.00	0.00	0.00	0.00
P-2197	J-1815	J-1811	0.00	0.00	0.00	0.00	0.00	0.00
P-2198	O-P-EF2	J-1815	0.00	0.00	0.00	0.00	0.00	0.00
P-2199	J-1814	J-34	4053.31	0.03	0.00	3.84	2.84	2.84
P-22	J-159	J-19	177.96	0.28	0.00	0.50	0.21	0.21
P-220	J-55	J-200	70.37	0.09	0.00	0.41	0.13	0.13
P-2200	J-1816	J-1814	4053.31	0.08	0.00	3.84	2.84	2.84
P-2201	J-1817	I-P-H1	4053.31	0.68	0.00	15.31	82.16	82.16
P-2202	J-1817	J-1818	0.00	0.00	0.00	0.00	0.00	0.00
P-2203	O-P-H1	J-1816	4053.31	1.94	0.00	23.52	233.83	233.83
P-2204	J-1814	O-P-H2	0.00	0.00	0.00	0.00	0.00	0.00
P-2205	J-1819	J-389	12052.41	0.03	0.00	3.57	1.26	1.26
P-2206	O-Pump-HS1	J-1821	0.00	0.00	0.00	0.00	0.00	0.00
P-2207	O-Pump-HS2	J-1822	6026.18	0.01	0.00	2.55	0.83	0.83
P-2208	O-Pump-HS3	J-1823	6026.23	0.01	0.00	2.55	0.83	0.83
P-2209	J-1822	J-1819	6026.18	0.00	0.00	1.78	0.35	0.35
P-221	J-56	J-202	0.00	0.00	0.00	0.00	0.00	0.00
P-2210	J-1822	J-1821	0.00	0.00	0.00	0.00	0.00	0.00

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P-2211	J-118	J-1820	102.67	0.26	0.00	0.29	0.07	0.07
P-2212	J-1820	J-1824	34.41	0.01	0.00	0.36	0.14	0.14
P-2213	J-1824	J-171	34.41	0.10	0.00	0.36	0.14	0.14
P-2214	J-1825	J-1256	106.99	0.14	0.00	0.62	0.28	0.28
P-2215	J-1827	J-1706	6.18	0.00	0.00	0.04	0.00	0.00
P-2216	J-1826	J-1827	3.24	0.00	0.00	0.02	0.00	0.00
P-2217	J-1914	J-1827	2.94	0.00	0.00	0.03	0.00	0.00
P-2218	J-1256	J-1828	143.05	0.33	0.00	0.83	0.48	0.48
P-2219	J-172	J-860	347.72	0.07	0.00	0.72	0.34	0.34
P-222	J-201	J-65	0.00	0.00	0.00	0.00	0.00	0.00
P-2220	J-172	J-1830	0.00	0.00	0.00	0.00	0.00	0.00
P-2221	J-1831	J-550	387.09	0.17	0.00	0.81	0.41	0.41
P-2222	J-1831	J-1832	0.00	0.00	0.00	0.00	0.00	0.00
P-2223	J-1833	J-722	3623.45	14.57	0.00	2.38	0.95	0.95
P-2224	J-1833	J-1834	0.00	0.00	0.00	0.00	0.00	0.00
P-2225	J-1835	J-402	2844.81	0.15	0.00	2.02	0.70	0.70
P-2226	J-1787	J-1836	0.00	0.00	0.00	0.00	0.00	0.00
P-2227	J-1836	J-1838	0.00	0.00	0.00	0.00	0.00	0.00
P-2228	J-1933	J-1932	0.00	0.00	0.00	0.00	0.00	0.00
P-2229	J-949	J-922	0.00	0.00	0.00	0.00	0.00	0.00
P-223	J-201	J-204	0.00	0.00	0.00	0.00	0.00	0.00
P-2230	J-1839	J-1851	0.00	0.00	0.00	0.00	0.00	0.00
P-2231	J-1841	J-1839	0.00	0.00	0.00	0.00	0.00	0.00
P-2232	J-1843	J-1839	0.00	0.00	0.00	0.00	0.00	0.00
P-2233	J-1842	J-1843	0.00	0.00	0.00	0.00	0.00	0.00
P-2234	J-1850	J-1843	0.00	0.00	0.00	0.00	0.00	0.00
P-2235	J-1851	J-1889	0.00	0.00	0.00	0.00	0.00	0.00
P-2236	J-1845	J-1847	0.00	0.00	0.00	0.00	0.00	0.00
P-2237	J-1803	J-1846	0.00	0.00	0.00	0.00	0.00	0.00
P-2238	J-1846	J-1849	0.00	0.00	0.00	0.00	0.00	0.00
P-2239	J-1848	J-1850	0.00	0.00	0.00	0.00	0.00	0.00
P-224	J-55	J-203	0.00	0.00	0.00	0.00	0.00	0.00
P-2240	J-1846	J-1850	0.00	0.00	0.00	0.00	0.00	0.00
P-2241	J-1803	J-1845	0.00	0.00	0.00	0.00	0.00	0.00
P-2242	J-1888	J-1803	0.00	0.00	0.00	0.00	0.00	0.00
P-2243	J-991	J-995	0.00	0.00	0.00	0.00	0.00	0.00
P-2244	J-1854	J-1909	0.00	0.00	0.00	0.00	0.00	0.00
P-2245	J-1749	J-1748	50.42	0.03	0.00	0.29	0.07	0.07
P-2246	J-972	J-1749	64.99	0.05	0.00	0.38	0.11	0.11
P-2247	J-1749	J-1856	14.57	0.01	0.00	0.15	0.03	0.03
P-2248	J-1855	J-1748	14.57	0.01	0.00	0.15	0.03	0.03
P-2249	J-1856	J-1855	14.57	0.01	0.00	0.15	0.03	0.03
P-225	J-205	J-66	0.00	0.00	0.00	0.00	0.00	0.00
P-2250	J-978	J-1403	0.00	0.00	0.00	0.00	0.00	0.00
P-2251	J-966	J-1858	53.32	0.00	0.00	0.34	0.16	0.16
P-2252	J-1859	J-978	74.03	0.17	0.00	0.77	0.58	0.58
P-2253	J-1859	J-1412	7.31	0.02	0.00	0.08	0.02	0.02
P-2254	J-1232	J-1857	125.89	1.09	0.00	0.80	0.79	0.79
P-2255	J-1857	J-1861	0.00	0.00	0.00	0.00	0.00	0.00
P-2256	J-1860	J-926	3623.45	2.59	0.00	2.38	0.95	0.95
P-2257	J-1860	J-1865	0.00	0.00	0.00	0.00	0.00	0.00
P-2258	J-1378	J-1864	69.17	0.18	0.00	0.72	0.51	0.51
P-2259	J-1862	J-1105	69.17	0.20	0.00	0.72	0.51	0.51
P-226	J-207	J-205	57.67	0.48	0.00	0.65	0.75	0.75
P-2260	J-1864	J-1862	29.44	0.08	0.00	0.30	0.10	0.10
P-2261	J-1864	J-1862	39.74	0.08	0.00	0.41	0.18	0.18
P-2262	J-1865	J-1863	0.00	0.00	0.00	0.00	0.00	0.00

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P-2263	J-1865	J-1867	0.00	0.00	0.00	0.00	0.00	0.00
P-2264	J-595	J-1866	104.42	0.05	0.00	1.18	2.26	2.26
P-2265	J-1868	J-1866	2.05	0.07	0.00	0.21	0.30	0.30
P-2266	J-594	J-1869	2.05	0.00	0.00	0.02	0.00	0.00
P-2267	J-1869	J-1868	2.05	0.08	0.00	0.17	0.16	0.16
P-2268	J-1868	J-1870	0.00	0.00	0.00	0.00	0.00	0.00
P-2269	J-1868	J-1871	0.00	0.00	0.00	0.00	0.00	0.00
P-227	J-207	J-206	0.00	0.00	0.00	0.00	0.00	0.00
P-2270	J-719	J-1873	2.07	0.04	0.00	0.11	0.03	0.03
P-2271	J-1873	J-716	0.00	0.00	0.00	0.00	0.00	0.00
P-2272	J-1874	J-717	2.07	0.00	0.00	0.02	0.00	0.00
P-2273	J-155	J-1962	170.03	0.06	0.00	0.48	0.19	0.19
P-2274	J-1872	J-150	0.00	0.00	0.00	0.00	0.00	0.00
P-2275	J-1875	J-1872	0.00	0.00	0.00	0.00	0.00	0.00
P-2276	J-1875	J-1876	0.00	0.00	0.00	0.00	0.00	0.00
P-2277	J-1876	J-1877	0.00	0.00	0.00	0.00	0.00	0.00
P-2278	J-1876	J-1878	0.00	0.00	0.00	0.00	0.00	0.00
P-2279	J-1254	J-97	223.36	0.01	0.00	0.63	0.32	0.32
P-228	J-208	J-207	57.67	0.84	0.00	0.65	0.75	0.75
P-2280	J-1254	J-1880	0.00	0.00	0.00	0.00	0.00	0.00
P-2281	J-1880	J-1881	0.00	0.00	0.00	0.00	0.00	0.00
P-2282	J-297	J-1968	68.67	0.67	0.00	0.78	1.04	1.04
P-2283	J-584	J-1883	400.00	8.61	0.00	4.54	27.14	27.14
P-2284	J-1966	J-582	0.00	0.00	0.00	0.00	0.00	0.00
P-2285	J-620	J-1800	300.00	0.55	0.00	0.48	0.13	0.13
P-2287	J-620	J-781	0.00	0.00	0.00	0.00	0.00	0.00
P-2288	J-1884	J-1885	0.00	0.00	0.00	0.00	0.00	0.00
P-2289	J-1884	J-1886	0.00	0.00	0.00	0.00	0.00	0.00
P-229	J-208	J-209	0.00	0.00	0.00	0.00	0.00	0.00
P-2290	J-1884	J-1887	0.00	0.00	0.00	0.00	0.00	0.00
P-2292	J-1889	J-1888	0.00	0.00	0.00	0.00	0.00	0.00
P-2295	J-198	J-1891	128.04	0.05	0.00	0.34	0.06	0.06
P-2296	J-1891	J-1897	83.16	0.01	0.00	0.22	0.03	0.03
P-2297	J-386	J-1894	88.35	0.07	0.00	0.51	0.20	0.20
P-2298	J-1895	J-1894	36.69	0.13	0.00	0.38	0.16	0.16
P-2299	J-1893	J-1895	13.94	0.02	0.00	0.14	0.03	0.03
P-23	J-20	J-88	418.40	0.79	0.00	1.19	1.01	1.01
P-230	J-211	J-208	57.67	0.03	0.00	0.65	0.75	0.75
P-2300	J-1900	J-1895	22.75	0.01	0.00	0.24	0.07	0.07
P-2301	J-1896	J-1899	24.24	0.00	0.00	0.06	0.00	0.00
P-2302	J-718	J-1752	7.50	0.00	0.00	0.08	0.01	0.01
P-2303	J-1896	J-1898	53.40	0.00	0.00	0.55	0.32	0.32
P-2304	J-1897	J-1896	77.64	0.00	0.00	0.20	0.02	0.02
P-2305	J-1897	J-1903	5.52	0.00	0.00	0.06	0.00	0.00
P-2306	J-1899	J-1901	29.76	0.00	0.00	0.08	0.00	0.00
P-2307	J-1904	J-1900	12.54	0.01	0.00	0.13	0.02	0.02
P-2308	J-1902	J-1900	10.21	0.01	0.00	0.11	0.01	0.01
P-2309	J-1902	J-1893	13.94	0.00	0.00	0.04	0.00	0.00
P-231	J-211	J-54	2359.31	1.29	0.00	2.24	1.04	1.04
P-2310	J-1901	J-1902	24.15	0.00	0.00	0.06	0.00	0.00
P-2311	J-1901	J-1904	5.61	0.00	0.00	0.06	0.00	0.00
P-2312	J-1898	J-1904	6.93	0.00	0.00	0.07	0.01	0.01
P-2313	J-1905	J-692	2493.46	2.17	0.00	1.77	0.94	0.94
P-2314	J-1903	J-1899	5.52	0.00	0.00	0.06	0.00	0.00
P-2315	J-1905	J-1906	0.00	0.00	0.00	0.00	0.00	0.00
P-2316	J-1907	J-690	0.00	0.00	0.00	0.00	0.00	0.00
P-2317	J-1907	J-1908	0.00	0.00	0.00	0.00	0.00	0.00

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P-2318	J-567	J-1910	0.00	0.00	0.00	0.00	0.00	0.00
P-2319	J-1909	J-930	0.00	0.00	0.00	0.00	0.00	0.00
P-232	J-211	J-210	145.27	0.09	0.00	1.65	4.16	4.16
P-2320	J-1909	J-1911	0.00	0.00	0.00	0.00	0.00	0.00
P-2321	J-1912	J-558	55.68	0.29	0.00	0.63	0.70	0.70
P-2322	J-1912	J-1913	0.00	0.00	0.00	0.00	0.00	0.00
P-2323	J-1914	J-1826	3.24	0.00	0.00	0.02	0.00	0.00
P-2324	J-813	J-1525	108.33	0.12	0.00	0.63	0.29	0.29
P-2325	J-1708	J-1914	6.18	0.00	0.00	0.04	0.00	0.00
P-2326	J-861	J-865	36.08	0.10	0.00	0.37	0.15	0.15
P-2327	J-1915	J-1785	144.41	0.16	0.00	1.50	1.99	1.99
P-2328	J-1917	J-1308	11.13	0.00	0.00	0.03	0.00	0.00
P-2329	J-799	J-1921	0.00	0.00	0.00	0.00	0.00	0.00
P-233	J-210	J-214	145.27	0.18	0.00	1.65	4.16	4.16
P-2330	J-1313	J-1328	130.74	0.87	0.00	1.35	1.66	1.66
P-2331	J-1311	J-1330	0.00	0.00	0.00	0.00	0.00	0.00
P-2332	J-1919	J-1923	728.41	0.12	0.00	0.69	0.12	0.12
P-2333	J-1919	J-1922	128.41	0.00	0.00	0.34	0.06	0.06
P-2334	J-1923	J-1924	728.41	0.12	0.00	0.69	0.12	0.12
P-2335	J-1923	J-1853	0.00	0.00	0.00	0.00	0.00	0.00
P-2336	J-1929	J-1924	32.03	0.00	0.00	0.08	0.00	0.00
P-2337	J-1025	J-949	0.00	0.00	0.00	0.00	0.00	0.00
P-2338	J-1025	J-1930	760.44	0.06	0.00	0.72	0.13	0.13
P-2339	J-1930	J-1928	760.44	0.03	0.00	0.72	0.13	0.13
P-234	J-210	J-213	0.00	0.00	0.00	0.00	0.00	0.00
P-2340	J-1930	J-1931	0.00	0.00	0.00	0.00	0.00	0.00
P-2341	J-1926	J-1296	0.00	0.00	0.00	0.00	0.00	0.00
P-2342	J-1931	J-1015	0.00	0.00	0.00	0.00	0.00	0.00
P-2343	J-1933	J-1935	0.00	0.00	0.00	0.00	0.00	0.00
P-2344	J-1916	J-1311	2.74	0.00	0.00	0.01	0.00	0.00
P-2345	J-1311	J-1917	2.74	0.00	0.00	0.01	0.00	0.00
P-2346	J-1916	J-1917	8.39	0.00	0.00	0.02	0.00	0.00
P-2347	J-1939	J-1916	11.13	0.00	0.00	0.03	0.00	0.00
P-2348	J-1934	J-415	16.89	0.03	0.00	0.19	0.08	0.08
P-2349	J-1934	J-1936	0.00	0.00	0.00	0.00	0.00	0.00
P-235	J-214	J-212	0.00	0.00	0.00	0.00	0.00	0.00
P-2350	J-1937	J-1940	45.79	0.14	0.00	0.47	0.24	0.24
P-2351	J-1307	J-1939	1.50	0.00	0.00	0.00	0.00	0.00
P-2352	J-742	J-1940	281.87	0.80	0.00	0.80	0.49	0.49
P-2353	J-75	J-1947	108.73	0.13	0.00	0.63	0.29	0.29
P-2354	J-1938	J-75	158.17	0.11	0.00	0.92	0.58	0.58
P-2355	J-75	J-1945	49.45	0.28	0.00	0.51	0.27	0.27
P-2356	J-1941	J-1946	566.65	15.99	0.00	6.43	51.74	51.74
P-2357	J-1944	J-497	2562.25	0.90	0.00	2.43	1.21	1.21
P-2358	J-1941	J-1942	28.45	6.73	0.00	2.30	22.00	22.00
P-2359	J-1945	J-1944	158.17	0.35	0.00	0.92	0.58	0.58
P-236	J-214	J-215	145.27	5.92	0.00	1.65	4.16	4.16
P-2360	J-1942	J-1943	28.45	1.16	0.00	1.57	4.48	4.48
P-2361	J-1947	J-1945	26.16	0.15	0.00	0.27	0.08	0.08
P-2362	J-1947	J-1945	82.57	0.15	0.00	0.48	0.17	0.17
P-2363	J-1946	J-520	595.10	65.54	0.00	6.75	56.65	56.65
P-2364	J-1948	J-1946	28.45	5.63	0.00	2.30	22.00	22.00
P-2365	J-1943	J-1948	28.45	2.47	0.00	2.30	22.00	22.00
P-2366	J-1948	J-1950	0.00	0.00	0.00	0.00	0.00	0.00
P-2367	J-1747	J-1095	122.20	2.85	0.00	1.39	3.02	3.02
P-2368	J-1949	J-44	0.00	0.00	0.00	0.00	0.00	0.00
P-2369	J-1954	J-1952	0.00	0.00	0.00	0.00	0.00	0.00

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P-237	J-215	J-78	0.00	0.00	0.00	0.00	0.00	0.00
P-2370	J-1951	J-871	0.00	0.00	0.00	0.00	0.00	0.00
P-2371	J-1978	J-672	0.00	0.00	0.00	0.00	0.00	0.00
P-2372	J-1063	J-1980	0.00	0.00	0.00	0.00	0.00	0.00
P-2373	J-1063	J-1981	0.00	0.00	0.00	0.00	0.00	0.00
P-2374	J-1953	J-882	0.00	0.00	0.00	0.00	0.00	0.00
P-2375	J-1955	J-888	0.00	0.00	0.00	0.00	0.00	0.00
P-2376	J-1982	J-1561	0.00	0.00	0.00	0.00	0.00	0.00
P-2377	J-1958	J-137	46.39	0.01	0.00	0.27	0.06	0.06
P-2378	J-137	J-925	7.77	0.00	0.00	0.08	0.01	0.01
P-2379	J-925	J-1957	32.22	0.01	0.00	0.19	0.03	0.03
P-238	J-48	J-1757	0.00	0.00	0.00	0.00	0.00	0.00
P-2380	J-137	J-1956	38.62	0.01	0.00	0.22	0.04	0.04
P-2381	J-1956	J-1957	5.57	0.00	0.00	0.06	0.00	0.00
P-2382	J-1957	J-706	37.79	0.03	0.00	0.22	0.04	0.04
P-2383	J-1958	J-925	24.46	0.02	0.00	0.14	0.02	0.02
P-2384	J-1959	J-1958	70.85	0.05	0.00	0.41	0.13	0.13
P-2385	J-1959	J-341	0.00	0.00	0.00	0.00	0.00	0.00
P-2386	J-1960	J-6	638.99	0.46	0.00	0.95	0.28	0.28
P-2387	J-1961	J-1875	0.00	0.00	0.00	0.00	0.00	0.00
P-2388	J-1962	J-1963	0.00	0.00	0.00	0.00	0.00	0.00
P-2389	J-1964	J-85	0.00	0.00	0.00	0.00	0.00	0.00
P-239	J-82	J-46	0.00	0.00	0.00	0.00	0.00	0.00
P-2390	J-1965	J-22	282.17	0.03	0.00	0.80	0.49	0.49
P-2391	J-1964	J-1965	28.93	0.00	0.00	0.17	0.02	0.02
P-2392	J-1966	J-580	0.00	0.00	0.00	0.00	0.00	0.00
P-2394	J-1967	J-257	0.00	0.00	0.00	0.00	0.00	0.00
P-2395	J-1969	J-1967	23.70	0.13	0.00	0.27	0.14	0.14
P-2396	J-1969	J-256	46.21	0.10	0.00	0.52	0.50	0.50
P-2397	J-1970	J-673	5584.15	1.21	0.00	1.76	0.35	0.35
P-2398	J-1970	J-1971	0.00	0.00	0.00	0.00	0.00	0.00
P-2399	J-491	J-723	258.00	0.05	0.00	0.54	0.19	0.19
P-24	J-21	J-23	0.00	0.00	0.00	0.00	0.00	0.00
P-240	J-48	J-217	0.00	0.00	0.00	0.00	0.00	0.00
P-2400	J-1972	J-493	0.00	0.00	0.00	0.00	0.00	0.00
P-2401	J-487	J-1973	11.33	0.00	0.00	0.05	0.00	0.00
P-2402	J-444	J-1974	0.00	0.00	0.00	0.00	0.00	0.00
P-2403	J-695	J-1975	213.96	0.42	0.00	0.87	0.71	0.71
P-2404	J-451	J-1976	95.06	0.07	0.00	0.39	0.16	0.16
P-2405	J-1429	J-1977	4.98	0.00	0.00	0.06	0.01	0.01
P-2406	J-1480	J-1049	641.46	0.01	0.00	0.95	0.28	0.28
P-2407	J-1985	J-1986	0.00	0.00	0.00	0.00	0.00	0.00
P-2408	J-1986	J-761	0.00	0.00	0.00	0.00	0.00	0.00
P-2409	J-1733	J-1988	0.00	0.00	0.00	0.00	0.00	0.00
P-241	J-217	J-216	0.00	0.00	0.00	0.00	0.00	0.00
P-2410	J-1988	J-1726	0.00	0.00	0.00	0.00	0.00	0.00
P-2411	J-806	J-775	249.31	0.92	0.00	0.71	0.39	0.39
P-2412	J-1538	J-1324	0.00	0.00	0.00	0.00	0.00	0.00
P-2413	J-1130	J-1730	0.00	0.00	0.00	0.00	0.00	0.00
P-2414	J-1994	J-1729	0.00	0.00	0.00	0.00	0.00	0.00
P-2415	J-1700	J-1995	11.20	0.02	0.00	0.13	0.04	0.04
P-2416	J-1995	J-1727	3.22	0.00	0.00	0.02	0.00	0.00
P-2417	J-769	J-1997	4.42	0.00	0.00	0.05	0.00	0.00
P-2418	J-1997	J-1996	0.00	0.00	0.00	0.00	0.00	0.00
P-2419	J-1997	J-1998	4.42	0.00	0.00	0.05	0.00	0.00
P-242	J-217	J-218	0.00	0.00	0.00	0.00	0.00	0.00
P-2420	J-1998	J-1999	0.00	0.00	0.00	0.00	0.00	0.00

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P-2421	J-1998	J-1190	4.42	0.00	0.00	0.05	0.00	0.00
P-2422	J-1142	J-2000	49.42	0.06	0.00	0.32	0.14	0.14
P-2423	J-2000	J-2002	0.00	0.00	0.00	0.00	0.00	0.00
P-2424	J-1072	J-1987	0.00	0.00	0.00	0.00	0.00	0.00
P-2426	O-RV-4	I-RV-5	0.00	0.00	0.00	0.00	0.00	0.00
P-2427	O-RV-5	J-912	0.00	0.00	0.00	0.00	0.00	0.00
P-2428	O-RV-6	J-1728	0.00	0.00	0.00	0.00	0.00	0.00
P-2429	O-P-G2	J-1049	0.00	0.00	0.00	0.00	0.00	0.00
P-243	J-217	J-220	0.00	0.00	0.00	0.00	0.00	0.00
P-244	J-52	J-219	0.00	0.00	0.00	0.00	0.00	0.00
P-245	J-187	J-222	0.00	0.00	0.00	0.00	0.00	0.00
P-246	J-221	J-80	0.00	0.00	0.00	0.00	0.00	0.00
P-247	J-221	J-223	0.00	0.00	0.00	0.00	0.00	0.00
P-248	J-223	J-224	0.00	0.00	0.00	0.00	0.00	0.00
P-249	J-223	J-725	0.00	0.00	0.00	0.00	0.00	0.00
P-25	J-89	J-21	289.06	0.70	0.00	0.82	0.51	0.51
P-250	J-72	J-60	0.00	0.00	0.00	0.00	0.00	0.00
P-251	J-225	J-227	0.00	0.00	0.00	0.00	0.00	0.00
P-252	J-228	J-61	0.00	0.00	0.00	0.00	0.00	0.00
P-253	J-228	J-230	0.00	0.00	0.00	0.00	0.00	0.00
P-254	J-229	J-233	0.00	0.00	0.00	0.00	0.00	0.00
P-255	J-229	J-232	0.00	0.00	0.00	0.00	0.00	0.00
P-256	J-231	J-229	0.00	0.00	0.00	0.00	0.00	0.00
P-257	J-231	J-234	0.00	0.00	0.00	0.00	0.00	0.00
P-258	J-233	J-57	0.00	0.00	0.00	0.00	0.00	0.00
P-259	J-233	J-235	0.00	0.00	0.00	0.00	0.00	0.00
P-26	J-24	J-1965	253.24	0.01	0.00	0.72	0.40	0.40
P-260	J-236	J-59	0.00	0.00	0.00	0.00	0.00	0.00
P-261	J-236	J-237	0.00	0.00	0.00	0.00	0.00	0.00
P-262	J-238	J-67	0.00	0.00	0.00	0.00	0.00	0.00
P-263	J-238	J-240	0.00	0.00	0.00	0.00	0.00	0.00
P-264	J-240	J-73	0.00	0.00	0.00	0.00	0.00	0.00
P-265	J-1968	J-239	812.39	3.75	0.00	2.30	3.45	3.45
P-266	J-239	J-264	36.85	0.69	0.00	0.42	0.33	0.33
P-267	J-242	J-241	23.16	0.17	0.00	0.26	0.14	0.14
P-268	J-241	J-253	23.16	0.01	0.00	0.26	0.14	0.14
P-269	J-241	J-244	0.00	0.00	0.00	0.00	0.00	0.00
P-27	J-24	J-26	136.23	0.43	0.00	1.55	3.69	3.69
P-270	J-243	J-242	51.61	0.33	0.00	0.59	0.61	0.61
P-271	J-243	J-252	88.52	0.54	0.00	1.00	1.66	1.66
P-272	J-245	J-260	65.84	0.57	0.00	0.75	0.96	0.96
P-273	J-106	J-247	152.10	0.95	0.00	0.97	1.12	1.12
P-274	J-245	J-106	4.38	0.01	0.00	0.05	0.01	0.01
P-275	J-248	J-106	147.72	2.90	0.00	1.68	4.29	4.29
P-276	J-248	J-246	0.00	0.00	0.00	0.00	0.00	0.00
P-277	J-249	J-248	147.72	0.71	0.00	1.68	4.29	4.29
P-278	J-249	J-250	0.00	0.00	0.00	0.00	0.00	0.00
P-279	J-98	J-249	147.72	1.10	0.00	1.68	4.29	4.29
P-28	J-26	J-27	0.00	0.00	0.00	0.00	0.00	0.00
P-280	J-98	J-251	19.72	0.06	0.00	0.22	0.10	0.10
P-281	J-251	J-280	140.13	0.98	0.00	1.59	3.89	3.89
P-282	J-252	J-245	70.22	0.24	0.00	0.80	1.08	1.08
P-283	J-252	J-254	18.30	0.13	0.00	0.21	0.09	0.09
P-284	J-242	J-253	28.45	0.18	0.00	0.32	0.20	0.20
P-285	J-253	J-254	51.61	0.16	0.00	0.59	0.61	0.61
P-286	J-254	J-1969	69.91	0.39	0.00	0.79	1.07	1.07
P-287	J-256	J-255	41.08	0.02	0.00	0.24	0.05	0.05

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P-288	J-256	J-255	5.13	0.02	0.00	0.06	0.01	0.01
P-289	J-255	J-258	46.21	0.05	0.00	0.27	0.06	0.06
P-29	J-26	J-20	136.23	0.01	0.00	0.39	0.13	0.13
P-290	J-1967	J-258	23.70	0.04	0.00	0.27	0.14	0.14
P-291	J-258	J-260	69.91	0.11	0.00	0.41	0.13	0.13
P-292	J-260	J-247	135.75	0.38	0.00	0.79	0.43	0.43
P-293	J-247	J-259	287.85	1.36	0.00	1.84	3.64	3.64
P-294	J-259	J-261	0.00	0.00	0.00	0.00	0.00	0.00
P-295	J-261	J-262	0.00	0.00	0.00	0.00	0.00	0.00
P-296	J-262	J-263	0.00	0.00	0.00	0.00	0.00	0.00
P-297	J-263	J-261	0.00	0.00	0.00	0.00	0.00	0.00
P-298	J-262	J-263	0.00	0.00	0.00	0.00	0.00	0.00
P-299	J-264	J-251	120.41	2.55	0.00	1.37	2.94	2.94
P-3	J-1	J-2	150.00	1.45	0.00	0.43	0.15	0.15
P-30	J-29	J-105	326.03	0.11	0.00	0.92	0.64	0.64
P-300	J-268	J-264	83.56	1.18	0.00	0.95	1.49	1.49
P-301	J-266	J-265	14.49	0.07	0.00	0.16	0.06	0.06
P-302	J-266	J-265	19.21	0.07	0.00	0.22	0.10	0.10
P-303	J-265	J-268	33.70	0.17	0.00	0.38	0.28	0.28
P-304	J-267	J-268	49.86	0.42	0.00	0.57	0.57	0.57
P-305	J-267	J-266	33.70	0.17	0.00	0.38	0.28	0.28
P-306	J-293	J-267	83.56	2.30	0.00	0.95	1.49	1.49
P-307	J-84	J-271	0.00	0.00	0.00	0.00	0.00	0.00
P-308	J-271	J-270	0.00	0.00	0.00	0.00	0.00	0.00
P-309	J-271	J-272	0.00	0.00	0.00	0.00	0.00	0.00
P-31	J-29	J-166	91.59	0.11	0.00	0.26	0.06	0.06
P-310	J-272	J-273	0.00	0.00	0.00	0.00	0.00	0.00
P-311	J-272	J-275	0.00	0.00	0.00	0.00	0.00	0.00
P-312	J-32	J-274	753.38	0.76	0.00	2.14	3.00	3.00
P-313	J-274	J-276	0.00	0.00	0.00	0.00	0.00	0.00
P-314	J-95	J-277	608.10	0.21	0.00	1.72	2.02	2.02
P-315	J-277	J-278	0.00	0.00	0.00	0.00	0.00	0.00
P-316	J-279	J-243	140.13	2.76	0.00	1.59	3.89	3.89
P-317	J-279	J-281	0.00	0.00	0.00	0.00	0.00	0.00
P-318	J-280	J-279	140.13	0.11	0.00	1.59	3.89	3.89
P-319	J-280	J-282	0.00	0.00	0.00	0.00	0.00	0.00
P-32	J-31	J-169	284.97	0.23	0.00	0.81	0.50	0.50
P-320	J-283	J-96	0.00	0.00	0.00	0.00	0.00	0.00
P-321	J-283	J-284	0.00	0.00	0.00	0.00	0.00	0.00
P-322	J-285	J-283	0.00	0.00	0.00	0.00	0.00	0.00
P-323	J-285	J-286	0.00	0.00	0.00	0.00	0.00	0.00
P-324	J-86	J-287	0.00	0.00	0.00	0.00	0.00	0.00
P-325	J-86	J-288	0.00	0.00	0.00	0.00	0.00	0.00
P-326	J-91	J-289	0.00	0.00	0.00	0.00	0.00	0.00
P-327	J-91	J-290	45.92	0.80	0.00	0.52	0.49	0.49
P-328	J-291	J-302	73.07	0.03	0.00	0.47	0.29	0.29
P-329	J-301	J-290	18.29	0.02	0.00	0.21	0.09	0.09
P-33	J-30	J-24	389.47	0.24	0.00	1.10	0.88	0.88
P-330	J-290	J-309	64.21	0.76	0.00	0.73	0.92	0.92
P-331	J-292	J-164	22.00	0.03	0.00	0.14	0.03	0.03
P-332	J-292	J-29	61.38	0.49	0.00	0.70	0.84	0.84
P-333	J-293	J-269	0.00	0.00	0.00	0.00	0.00	0.00
P-334	J-1968	J-293	83.56	0.55	0.00	0.95	1.49	1.49
P-335	J-1806	J-294	68.67	0.59	0.00	0.78	1.04	1.04
P-336	J-294	J-447	0.00	0.00	0.00	0.00	0.00	0.00
P-337	J-294	J-297	68.67	0.59	0.00	0.78	1.04	1.04
P-338	J-297	J-298	0.00	0.00	0.00	0.00	0.00	0.00

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P-339	J-299	J-300	402.99	0.12	0.00	1.14	0.94	0.94
P-34	J-28	J-30	753.38	0.16	0.00	2.14	3.00	3.00
P-340	J-299	J-300	15.40	0.12	0.00	0.17	0.07	0.07
P-341	J-300	J-160	418.40	0.40	0.00	1.19	1.01	1.01
P-342	J-291	J-301	38.03	0.00	0.00	0.43	0.35	0.35
P-343	J-301	J-303	19.74	0.01	0.00	0.22	0.10	0.10
P-344	J-303	J-304	13.91	0.01	0.00	0.16	0.05	0.05
P-345	J-302	J-161	92.81	0.26	0.00	0.59	0.45	0.45
P-346	J-304	J-302	19.74	0.01	0.00	0.22	0.10	0.10
P-347	J-303	J-304	5.83	0.01	0.00	0.07	0.01	0.01
P-348	J-161	J-305	92.81	0.41	0.00	1.05	1.81	1.81
P-349	J-305	J-163	40.23	0.33	0.00	0.46	0.39	0.39
P-35	J-1879	J-32	753.38	1.92	0.00	4.81	21.60	21.60
P-350	J-305	J-306	52.58	0.19	0.00	0.60	0.63	0.63
P-351	J-306	J-307	0.00	0.00	0.00	0.00	0.00	0.00
P-352	J-306	J-162	52.58	0.18	0.00	0.60	0.63	0.63
P-353	J-305	J-308	0.00	0.00	0.00	0.00	0.00	0.00
P-354	J-309	J-311	64.21	0.16	0.00	0.73	0.92	0.92
P-355	J-309	J-310	0.00	0.00	0.00	0.00	0.00	0.00
P-356	J-311	J-313	37.06	0.10	0.00	0.42	0.33	0.33
P-357	J-315	J-312	6.41	0.00	0.00	0.04	0.00	0.00
P-358	J-311	J-312	27.15	0.14	0.00	0.31	0.19	0.19
P-359	J-313	J-292	21.22	0.08	0.00	0.24	0.12	0.12
P-36	J-34	J-76	2562.25	1.17	0.00	2.43	1.21	1.21
P-360	J-312	J-314	33.56	0.02	0.00	0.21	0.07	0.07
P-361	J-313	J-314	15.84	0.05	0.00	0.18	0.07	0.07
P-362	J-162	J-315	18.46	0.01	0.00	0.12	0.02	0.02
P-363	J-315	J-316	12.06	0.04	0.00	0.14	0.04	0.04
P-364	J-164	J-317	59.09	0.06	0.00	0.38	0.19	0.19
P-365	J-316	J-317	24.37	0.10	0.00	0.28	0.15	0.15
P-366	J-314	J-316	12.31	0.01	0.00	0.14	0.04	0.04
P-367	J-318	J-321	58.86	0.06	0.00	0.38	0.19	0.19
P-368	J-318	J-319	15.48	0.09	0.00	0.18	0.07	0.07
P-369	J-1962	J-320	170.03	0.03	0.00	0.48	0.19	0.19
P-37	J-1805	J-33	571.90	0.09	0.00	1.62	1.80	1.80
P-370	J-319	J-320	41.30	0.14	0.00	0.47	0.40	0.40
P-371	J-321	J-165	33.05	0.07	0.00	0.21	0.07	0.07
P-372	J-321	J-319	25.81	0.03	0.00	0.29	0.17	0.17
P-373	J-322	J-181	9.59	0.00	0.00	0.06	0.01	0.01
P-374	J-180	J-322	9.59	0.03	0.00	0.11	0.03	0.03
P-375	J-323	J-326	31.00	0.06	0.00	0.20	0.06	0.06
P-376	J-16	J-324	142.73	0.04	0.00	0.40	0.14	0.14
P-377	J-324	J-323	3.69	0.00	0.00	0.04	0.00	0.00
P-378	J-324	J-325	119.69	0.03	0.00	0.34	0.10	0.10
P-379	J-324	J-325	19.34	0.03	0.00	0.22	0.10	0.10
P-38	J-1806	J-33	255.38	0.01	0.00	0.72	0.40	0.40
P-380	J-325	J-326	11.02	0.04	0.00	0.13	0.04	0.04
P-381	J-326	J-155	42.03	0.06	0.00	0.27	0.10	0.10
P-382	J-327	J-704	226.53	0.52	0.00	0.64	0.32	0.32
P-383	J-327	J-329	49.53	0.72	0.00	0.56	0.57	0.57
P-384	J-329	J-356	0.00	0.00	0.00	0.00	0.00	0.00
P-385	J-329	J-154	49.53	0.32	0.00	0.56	0.57	0.57
P-386	J-169	J-328	8.90	0.00	0.00	0.06	0.01	0.01
P-387	J-328	J-167	1.40	0.00	0.00	0.02	0.00	0.00
P-388	J-167	J-330	5.63	0.00	0.00	0.06	0.01	0.01
P-389	J-328	J-330	3.28	0.00	0.00	0.04	0.00	0.00
P-39	J-7	J-38	60.55	1.03	0.00	0.39	0.20	0.20

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P-390	J-330	J-331	8.90	0.00	0.00	0.06	0.01	0.01
P-391	J-332	J-331	61.94	0.74	0.00	0.70	0.86	0.86
P-392	J-333	J-17	184.79	0.25	0.00	0.52	0.22	0.22
P-393	J-333	J-332	61.94	0.02	0.00	0.70	0.86	0.86
P-394	J-332	J-334	0.00	0.00	0.00	0.00	0.00	0.00
P-395	J-331	J-1959	70.85	0.53	0.00	0.80	1.10	1.10
P-396	J-335	J-336	0.00	0.00	0.00	0.00	0.00	0.00
P-397	J-335	J-338	0.00	0.00	0.00	0.00	0.00	0.00
P-398	J-337	J-340	0.00	0.00	0.00	0.00	0.00	0.00
P-399	J-339	J-347	326.20	0.11	0.00	0.93	0.64	0.64
P-4	J-4	T-Hahn	1624.99	0.06	0.00	1.54	0.52	0.52
P-40	J-320	J-37	211.33	0.40	0.00	0.60	0.28	0.28
P-400	J-340	J-339	0.00	0.00	0.00	0.00	0.00	0.00
P-401	J-342	J-341	0.00	0.00	0.00	0.00	0.00	0.00
P-402	J-341	J-343	0.00	0.00	0.00	0.00	0.00	0.00
P-403	J-342	J-335	0.00	0.00	0.00	0.00	0.00	0.00
P-404	J-343	J-342	0.00	0.00	0.00	0.00	0.00	0.00
P-405	J-343	J-344	0.00	0.00	0.00	0.00	0.00	0.00
P-406	J-345	J-339	326.20	0.14	0.00	0.93	0.64	0.64
P-407	J-345	J-347	12.79	0.24	0.00	0.15	0.05	0.05
P-408	J-347	J-168	338.99	0.44	0.00	0.96	0.68	0.68
P-409	J-346	J-349	21.87	0.02	0.00	0.13	0.01	0.01
P-41	J-37	J-119	419.42	0.39	0.00	1.19	1.01	1.01
P-410	J-346	J-348	14.61	0.02	0.00	0.15	0.03	0.03
P-411	J-348	J-354	36.48	0.03	0.00	0.23	0.08	0.08
P-412	J-348	J-350	0.00	0.00	0.00	0.00	0.00	0.00
P-413	J-349	J-348	21.87	0.01	0.00	0.13	0.01	0.01
P-414	J-349	J-352	0.00	0.00	0.00	0.00	0.00	0.00
P-415	J-351	J-346	36.48	0.03	0.00	0.23	0.08	0.08
P-416	J-351	J-353	26.27	0.05	0.00	0.27	0.08	0.08
P-417	J-354	J-152	62.75	0.04	0.00	0.36	0.10	0.10
P-418	J-353	J-354	26.27	0.03	0.00	0.27	0.08	0.08
P-419	J-354	J-355	0.00	0.00	0.00	0.00	0.00	0.00
P-42	J-171	J-39	220.77	0.18	0.00	0.63	0.31	0.31
P-420	J-356	J-329	0.00	0.00	0.00	0.00	0.00	0.00
P-421	J-357	J-358	177.53	0.09	0.00	0.50	0.21	0.21
P-422	J-357	J-359	0.00	0.00	0.00	0.00	0.00	0.00
P-423	J-358	J-152	158.60	0.05	0.00	0.45	0.17	0.17
P-424	J-358	J-361	18.93	0.12	0.00	0.21	0.10	0.10
P-425	J-361	J-733	240.28	0.15	0.00	0.68	0.36	0.36
P-426	J-147	J-360	57.10	0.23	0.00	0.65	0.74	0.74
P-427	J-360	J-362	0.00	0.00	0.00	0.00	0.00	0.00
P-428	J-360	J-153	57.10	0.49	0.00	0.65	0.74	0.74
P-429	J-153	J-134	139.67	1.24	0.00	1.58	3.87	3.87
P-43	J-39	J-129	729.33	0.21	0.00	2.07	2.82	2.82
P-430	J-134	J-363	0.00	0.00	0.00	0.00	0.00	0.00
P-431	J-364	J-153	82.58	0.21	0.00	0.53	0.36	0.36
P-432	J-734	J-364	14.03	0.04	0.00	0.16	0.05	0.05
P-433	J-734	J-367	207.24	0.11	0.00	0.55	0.14	0.14
P-434	J-120	J-135	118.11	0.29	0.00	0.75	0.70	0.70
P-435	J-135	J-366	33.13	0.22	0.00	0.38	0.27	0.27
P-436	J-366	J-368	33.13	0.02	0.00	0.21	0.07	0.07
P-437	J-368	J-123	57.19	0.09	0.00	0.37	0.18	0.18
P-438	J-369	J-368	24.06	0.11	0.00	0.27	0.15	0.15
P-439	J-135	J-369	84.98	0.13	0.00	0.54	0.38	0.38
P-44	J-38	J-41	60.55	0.00	0.00	0.16	0.01	0.01
P-440	J-367	J-371	0.00	0.00	0.00	0.00	0.00	0.00

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P-441	J-374	J-42	200.00	0.33	0.00	0.57	0.26	0.26
P-442	J-372	J-115	102.67	1.00	0.00	0.66	0.54	0.54
P-443	J-372	J-186	0.00	0.00	0.00	0.00	0.00	0.00
P-444	J-186	J-373	0.00	0.00	0.00	0.00	0.00	0.00
P-445	J-182	J-375	0.00	0.00	0.00	0.00	0.00	0.00
P-446	J-182	J-184	0.00	0.00	0.00	0.00	0.00	0.00
P-447	J-136	J-365	0.00	0.00	0.00	0.00	0.00	0.00
P-448	J-376	J-374	200.00	0.55	0.00	0.57	0.26	0.26
P-449	J-377	J-376	200.00	1.63	0.00	0.57	0.26	0.26
P-45	J-41	J-36	300.00	0.01	0.00	0.48	0.13	0.13
P-450	J-378	J-379	200.00	1.48	0.00	0.57	0.26	0.26
P-451	J-379	J-380	200.00	0.35	0.00	0.57	0.26	0.26
P-452	J-380	J-377	200.00	0.93	0.00	0.57	0.26	0.26
P-453	J-381	J-856	0.00	0.00	0.00	0.00	0.00	0.00
P-454	J-387	J-1753	0.00	0.00	0.00	0.00	0.00	0.00
P-455	J-382	J-383	0.00	0.00	0.00	0.00	0.00	0.00
P-456	J-382	J-386	46.47	0.04	0.00	0.27	0.06	0.06
P-457	J-384	J-196	2.34	0.00	0.00	0.03	0.00	0.00
P-458	J-45	J-386	41.87	0.04	0.00	0.24	0.05	0.05
P-459	J-385	J-192	0.00	0.00	0.00	0.00	0.00	0.00
P-46	J-36	J-620	300.00	0.23	0.00	0.48	0.13	0.13
P-460	J-1755	J-387	0.00	0.00	0.00	0.00	0.00	0.00
P-461	J-1894	J-388	125.04	0.23	0.00	0.73	0.37	0.37
P-462	J-389	J-392	6135.34	0.03	0.00	1.82	0.36	0.36
P-463	J-681	J-390	451.83	0.00	0.00	0.13	0.00	0.00
P-464	J-390	J-399	6587.17	0.06	0.00	1.10	0.10	0.10
P-465	J-392	J-390	6135.34	0.00	0.00	1.02	0.09	0.09
P-466	J-393	J-401	5262.98	0.01	0.00	1.66	0.32	0.32
P-467	J-391	J-394	650.52	0.00	0.00	0.21	0.01	0.01
P-468	J-391	J-396	880.33	0.00	0.00	0.28	0.01	0.01
P-469	J-389	J-397	5917.07	0.03	0.00	1.75	0.34	0.34
P-47	J-43	J-136	2413.98	5.68	0.00	2.29	1.09	1.09
P-470	J-397	J-400	5465.24	0.08	0.00	1.19	0.14	0.14
P-471	J-395	J-708	705.00	2.75	0.00	2.00	2.65	2.65
P-472	J-399	J-398	6587.17	0.29	0.00	1.17	0.12	0.12
P-473	J-400	J-406	1841.79	0.28	0.00	0.78	0.09	0.09
P-474	J-401	J-1970	5584.15	0.38	0.00	1.76	0.35	0.35
P-475	J-398	J-393	5262.98	0.00	0.00	0.93	0.08	0.08
P-476	J-398	J-404	1324.19	0.01	0.00	0.94	0.17	0.17
P-477	J-402	J-403	2652.59	0.02	0.00	1.88	1.06	1.06
P-478	J-404	J-1835	2844.81	1.39	0.00	2.02	0.70	0.70
P-479	J-406	J-404	1520.62	0.00	0.00	0.64	0.06	0.06
P-48	J-388	J-43	125.04	0.54	0.00	0.73	0.37	0.37
P-480	J-406	J-401	321.17	0.00	0.00	0.14	0.00	0.00
P-481	J-403	J-1905	2493.46	0.48	0.00	1.77	0.94	0.94
P-482	J-402	J-409	192.21	0.06	0.00	0.40	0.11	0.11
P-483	J-403	J-408	159.13	0.04	0.00	0.33	0.08	0.08
P-484	J-408	J-407	351.35	0.00	0.00	0.36	0.06	0.06
P-485	J-409	J-408	192.21	0.00	0.00	0.20	0.02	0.02
P-486	J-407	J-423	273.40	0.02	0.00	0.28	0.04	0.04
P-487	J-407	J-420	77.95	0.01	0.00	0.08	0.00	0.00
P-488	J-416	J-411	95.19	0.00	0.00	0.20	0.03	0.03
P-489	J-413	J-418	100.00	0.00	0.00	0.21	0.03	0.03
P-49	J-185	J-45	2.34	0.00	0.00	0.01	0.00	0.00
P-490	J-3	J-413	162.71	0.01	0.00	0.34	0.08	0.08
P-491	J-413	J-416	62.71	0.00	0.00	0.13	0.01	0.01
P-492	J-417	J-416	32.49	0.00	0.00	0.07	0.00	0.00

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P-493	J-418	J-414	121.13	0.00	0.00	0.25	0.05	0.05
P-494	J-419	J-417	32.49	0.00	0.00	0.09	0.01	0.01
P-495	J-419	J-418	21.13	0.00	0.00	0.06	0.00	0.00
P-496	J-675	J-419	53.62	0.00	0.00	0.15	0.02	0.02
P-497	J-412	J-420	140.93	0.01	0.00	0.14	0.01	0.01
P-498	J-420	J-521	218.87	0.11	0.00	0.46	0.14	0.14
P-499	J-423	J-424	0.00	0.00	0.00	0.00	0.00	0.00
P-5	J-4	J-1960	638.99	0.26	0.00	0.95	0.28	0.28
P-50	J-194	J-45	39.54	0.00	0.00	0.23	0.04	0.04
P-500	J-422	J-424	0.00	0.00	0.00	0.00	0.00	0.00
P-501	J-497	J-211	2562.25	0.98	0.00	2.43	1.21	1.21
P-502	J-423	J-425	273.40	0.24	0.00	0.57	0.22	0.22
P-503	J-425	J-526	430.48	0.28	0.00	0.90	0.50	0.50
P-504	J-426	J-427	219.05	0.52	0.00	0.89	0.74	0.74
P-505	J-431	J-427	20.50	0.00	0.00	0.08	0.01	0.01
P-506	J-429	J-426	439.24	0.02	0.00	1.79	2.68	2.68
P-507	J-427	J-428	239.54	0.04	0.00	0.63	0.18	0.18
P-508	J-428	J-492	109.95	0.00	0.00	0.31	0.08	0.08
P-509	J-426	J-431	220.19	0.52	0.00	0.90	0.75	0.75
P-51	J-1891	J-47	44.87	0.00	0.00	0.12	0.01	0.01
P-510	J-431	J-430	199.70	0.04	0.00	0.82	0.62	0.62
P-511	J-428	J-444	129.59	0.06	0.00	0.37	0.12	0.12
P-512	J-433	J-460	219.34	0.01	0.00	0.62	0.31	0.31
P-513	J-473	J-433	10.26	0.00	0.00	0.03	0.00	0.00
P-514	J-436	J-434	62.93	0.04	0.00	0.18	0.03	0.03
P-515	J-471	J-436	61.61	0.01	0.00	0.16	0.01	0.01
P-516	J-438	J-437	71.73	0.00	0.00	0.19	0.02	0.02
P-517	J-437	J-494	52.97	0.01	0.00	0.15	0.02	0.02
P-518	J-439	J-470	77.89	0.01	0.00	0.22	0.04	0.04
P-519	J-439	J-441	138.78	0.01	0.00	0.39	0.13	0.13
P-52	J-48	J-53	0.00	0.00	0.00	0.00	0.00	0.00
P-520	J-441	J-469	73.72	0.14	0.00	0.47	0.29	0.29
P-521	J-441	J-486	65.06	0.02	0.00	0.18	0.03	0.03
P-522	J-430	J-443	253.51	0.14	0.00	0.72	0.40	0.40
P-523	J-444	J-439	216.67	0.13	0.00	0.61	0.30	0.30
P-524	J-445	J-444	87.08	0.01	0.00	0.25	0.06	0.06
P-525	J-445	J-468	102.75	0.00	0.00	0.29	0.07	0.07
P-526	J-465	J-445	189.83	0.16	0.00	0.54	0.23	0.23
P-527	J-1976	J-465	309.02	0.06	0.00	0.88	0.58	0.58
P-528	J-1975	J-1976	213.96	0.00	0.00	0.61	0.29	0.29
P-529	J-415	J-481	8.99	0.01	0.00	0.10	0.02	0.02
P-53	J-52	J-50	0.00	0.00	0.00	0.00	0.00	0.00
P-530	J-564	J-451	95.06	0.14	0.00	0.61	0.47	0.47
P-531	J-450	J-429	439.24	0.17	0.00	0.92	0.52	0.52
P-532	J-497	J-720	0.00	0.00	0.00	0.00	0.00	0.00
P-533	J-415	J-657	7.90	0.03	0.00	0.09	0.02	0.02
P-534	J-465	J-454	35.25	0.14	0.00	0.40	0.30	0.30
P-535	J-452	J-446	42.62	0.01	0.00	0.12	0.01	0.01
P-536	J-454	J-452	20.20	0.05	0.00	0.23	0.11	0.11
P-537	J-454	J-458	15.05	0.02	0.00	0.17	0.06	0.06
P-538	J-455	J-456	0.00	0.00	0.00	0.00	0.00	0.00
P-539	J-455	J-457	0.00	0.00	0.00	0.00	0.00	0.00
P-54	J-50	J-51	0.00	0.00	0.00	0.00	0.00	0.00
P-540	J-458	J-455	15.05	0.01	0.00	0.17	0.06	0.06
P-541	J-458	J-459	0.00	0.00	0.00	0.00	0.00	0.00
P-542	J-455	J-446	15.05	0.03	0.00	0.17	0.06	0.06
P-543	J-446	J-461	0.00	0.00	0.00	0.00	0.00	0.00

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P-544	J-460	J-432	277.01	0.20	0.00	0.79	0.47	0.47
P-545	J-446	J-460	57.68	0.35	0.00	0.65	0.75	0.75
P-546	J-463	J-433	209.08	0.06	0.00	0.59	0.28	0.28
P-547	J-462	J-463	0.00	0.00	0.00	0.00	0.00	0.00
P-548	J-464	J-463	209.08	0.07	0.00	0.59	0.28	0.28
P-549	J-452	J-464	45.70	0.22	0.00	0.52	0.49	0.49
P-55	J-51	J-49	0.00	0.00	0.00	0.00	0.00	0.00
P-550	J-671	J-442	63.83	0.00	0.00	0.41	0.22	0.22
P-551	J-465	J-467	83.94	0.17	0.00	0.54	0.37	0.37
P-552	J-467	J-452	68.13	0.02	0.00	0.19	0.03	0.03
P-553	J-466	J-464	163.38	0.08	0.00	0.46	0.18	0.18
P-554	J-467	J-466	80.76	0.15	0.00	0.52	0.35	0.35
P-555	J-468	J-467	64.96	0.01	0.00	0.18	0.03	0.03
P-556	J-468	J-470	37.79	0.15	0.00	0.43	0.34	0.34
P-557	J-470	J-466	82.61	0.01	0.00	0.23	0.05	0.05
P-558	J-448	J-442	2.21	0.01	0.00	0.10	0.05	0.05
P-559	J-437	J-471	18.76	0.00	0.00	0.05	0.00	0.00
P-56	J-51	J-53	0.00	0.00	0.00	0.00	0.00	0.00
P-560	J-469	J-471	42.85	0.05	0.00	0.27	0.11	0.11
P-561	J-469	J-489	20.89	0.01	0.00	0.13	0.03	0.03
P-562	J-473	J-475	15.95	0.00	0.00	0.05	0.00	0.00
P-563	J-472	J-476	31.30	0.03	0.00	0.20	0.06	0.06
P-564	J-472	J-436	22.66	0.01	0.00	0.14	0.03	0.03
P-565	J-436	J-474	21.33	0.01	0.00	0.14	0.03	0.03
P-566	J-475	J-434	42.38	0.01	0.00	0.12	0.01	0.01
P-567	J-474	J-475	26.42	0.02	0.00	0.17	0.04	0.04
P-568	J-476	J-473	26.21	0.02	0.00	0.17	0.04	0.04
P-569	J-476	J-474	5.09	0.00	0.00	0.03	0.00	0.00
P-57	J-53	J-50	0.00	0.00	0.00	0.00	0.00	0.00
P-570	J-434	J-599	105.31	1.14	0.00	0.67	0.56	0.56
P-571	J-481	J-435	63.83	0.03	0.00	0.41	0.22	0.22
P-572	J-477	J-478	1.02	0.00	0.00	0.01	0.00	0.00
P-573	J-477	J-478	2.38	0.00	0.00	0.03	0.00	0.00
P-574	J-478	J-479	3.40	0.00	0.00	0.04	0.00	0.00
P-575	J-479	J-480	3.40	0.00	0.00	0.01	0.00	0.00
P-576	J-656	J-483	87.21	0.00	0.00	0.25	0.06	0.06
P-577	J-515	J-1934	16.89	0.13	0.00	0.19	0.08	0.08
P-578	J-483	J-449	32.38	0.04	0.00	0.37	0.26	0.26
P-579	J-950	J-946	0.00	0.00	0.00	0.00	0.00	0.00
P-58	J-53	J-187	0.00	0.00	0.00	0.00	0.00	0.00
P-580	J-658	J-656	87.21	0.09	0.00	0.25	0.06	0.06
P-581	J-506	J-480	124.40	0.12	0.00	0.35	0.11	0.11
P-582	J-723	J-485	258.00	0.22	0.00	0.73	0.41	0.41
P-583	J-443	J-487	198.54	0.06	0.00	0.81	0.62	0.62
P-584	J-1973	J-486	11.33	0.00	0.00	0.03	0.00	0.00
P-585	J-486	J-488	132.53	0.14	0.00	0.54	0.29	0.29
P-586	J-488	J-438	71.73	0.03	0.00	0.29	0.09	0.09
P-587	J-469	J-488	9.98	0.01	0.00	0.11	0.03	0.03
P-588	J-488	J-490	70.79	0.13	0.00	0.45	0.27	0.27
P-589	J-487	J-785	187.21	0.09	0.00	0.76	0.55	0.55
P-59	J-54	J-43	2288.94	4.18	0.00	2.17	0.98	0.98
P-590	J-489	J-472	53.96	0.03	0.00	0.34	0.16	0.16
P-591	J-470	J-489	33.07	0.14	0.00	0.38	0.27	0.27
P-592	J-492	J-486	56.14	0.20	0.00	0.64	0.71	0.71
P-593	J-492	J-430	53.81	0.00	0.00	0.15	0.02	0.02
P-594	J-490	J-491	258.00	0.13	0.00	1.05	1.00	1.00
P-595	J-491	J-1972	0.00	0.00	0.00	0.00	0.00	0.00

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P-596	J-494	J-495	52.97	0.01	0.00	0.60	0.64	0.64
P-597	J-495	J-440	0.00	0.00	0.00	0.00	0.00	0.00
P-598	J-495	J-410	52.97	0.30	0.00	0.60	0.64	0.64
P-599	J-410	J-496	0.00	0.00	0.00	0.00	0.00	0.00
P-6	J-6	J-10	578.44	0.90	0.00	0.86	0.23	0.23
P-60	J-54	J-55	70.37	0.15	0.00	0.45	0.27	0.27
P-600	J-410	J-513	52.97	0.31	0.00	0.60	0.64	0.64
P-601	J-498	J-499	7.05	0.01	0.00	0.08	0.02	0.02
P-602	J-498	J-499	16.27	0.01	0.00	0.18	0.07	0.07
P-603	J-499	J-500	23.32	0.07	0.00	0.26	0.14	0.14
P-604	J-500	J-502	11.85	0.02	0.00	0.13	0.04	0.04
P-605	J-511	J-501	17.29	0.02	0.00	0.20	0.08	0.08
P-606	J-502	J-504	15.36	0.05	0.00	0.17	0.06	0.06
P-607	J-501	J-502	3.51	0.00	0.00	0.04	0.00	0.00
P-608	J-501	J-503	13.78	0.03	0.00	0.16	0.05	0.05
P-609	J-503	J-505	0.00	0.00	0.00	0.00	0.00	0.00
P-61	J-205	J-56	57.67	0.16	0.00	0.37	0.19	0.19
P-610	J-503	J-504	13.78	0.02	0.00	0.16	0.05	0.05
P-611	J-504	J-506	29.14	0.09	0.00	0.33	0.21	0.21
P-612	J-507	J-506	95.26	0.08	0.00	0.27	0.07	0.07
P-613	J-509	J-507	96.26	0.06	0.00	0.27	0.07	0.07
P-614	J-508	J-507	19.30	0.06	0.00	0.22	0.10	0.10
P-615	J-514	J-509	99.55	0.04	0.00	0.28	0.07	0.07
P-616	J-509	J-508	3.30	0.00	0.00	0.04	0.00	0.00
P-617	J-510	J-508	16.00	0.02	0.00	0.18	0.07	0.07
P-618	J-500	J-511	11.46	0.00	0.00	0.13	0.04	0.04
P-619	J-510	J-511	5.82	0.00	0.00	0.07	0.01	0.01
P-62	J-57	J-58	0.00	0.00	0.00	0.00	0.00	0.00
P-620	J-512	J-510	21.82	0.03	0.00	0.25	0.12	0.12
P-621	J-513	J-498	23.32	0.03	0.00	0.26	0.14	0.14
P-622	J-513	J-512	29.65	0.08	0.00	0.34	0.22	0.22
P-623	J-485	J-514	258.00	0.21	0.00	0.54	0.19	0.19
P-624	J-512	J-514	7.83	0.00	0.00	0.09	0.02	0.02
P-625	J-507	J-515	20.29	0.20	0.00	0.23	0.11	0.11
P-626	J-515	J-477	3.40	0.00	0.00	0.04	0.00	0.00
P-627	J-443	J-519	54.96	0.41	0.00	0.62	0.69	0.69
P-628	J-516	J-517	0.00	0.00	0.00	0.00	0.00	0.00
P-629	J-516	J-518	0.00	0.00	0.00	0.00	0.00	0.00
P-63	J-57	J-72	0.00	0.00	0.00	0.00	0.00	0.00
P-630	J-519	J-516	0.00	0.00	0.00	0.00	0.00	0.00
P-631	J-519	J-676	54.96	1.16	0.00	0.62	0.69	0.69
P-632	J-521	J-1797	225.52	0.09	0.00	0.47	0.15	0.15
P-633	J-522	J-521	6.65	0.00	0.00	0.08	0.01	0.01
P-634	J-523	J-172	347.72	0.17	0.00	0.72	0.34	0.34
P-635	J-523	J-522	31.25	0.09	0.00	0.35	0.24	0.24
P-636	J-522	J-1796	24.60	0.10	0.00	0.28	0.16	0.16
P-637	J-524	J-916	390.64	0.18	0.00	0.81	0.42	0.42
P-638	J-525	J-524	3.56	0.00	0.00	0.04	0.00	0.00
P-639	J-526	J-527	395.28	0.19	0.00	0.82	0.43	0.43
P-64	J-59	J-231	0.00	0.00	0.00	0.00	0.00	0.00
P-640	J-525	J-526	7.79	0.01	0.00	0.09	0.02	0.02
P-641	J-526	J-528	42.99	0.20	0.00	0.49	0.44	0.44
P-642	J-527	J-531	372.57	0.19	0.00	0.78	0.38	0.38
P-643	J-528	J-541	19.24	0.09	0.00	0.22	0.10	0.10
P-644	J-528	J-530	23.75	0.06	0.00	0.27	0.15	0.15
P-645	J-527	J-530	24.46	0.07	0.00	0.28	0.15	0.15
P-646	J-530	J-529	34.13	0.14	0.00	0.39	0.28	0.28

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P-647	J-531	J-533	378.28	0.19	0.00	0.79	0.40	0.40
P-648	J-531	J-529	13.36	0.02	0.00	0.15	0.05	0.05
P-649	J-529	J-539	12.81	0.02	0.00	0.15	0.05	0.05
P-65	J-59	J-228	0.00	0.00	0.00	0.00	0.00	0.00
P-650	J-533	J-450	407.00	0.21	0.00	0.85	0.45	0.45
P-651	J-537	J-450	66.18	0.11	0.00	0.42	0.24	0.24
P-652	J-534	J-538	13.43	0.02	0.00	0.15	0.05	0.05
P-653	J-535	J-532	0.00	0.00	0.00	0.00	0.00	0.00
P-654	J-534	J-535	32.69	0.12	0.00	0.37	0.26	0.26
P-655	J-536	J-532	0.00	0.00	0.00	0.00	0.00	0.00
P-656	J-701	J-537	32.69	0.01	0.00	0.21	0.06	0.06
P-657	J-538	J-533	14.63	0.03	0.00	0.17	0.06	0.06
P-658	J-538	J-537	33.49	0.13	0.00	0.38	0.27	0.27
P-659	J-529	J-538	34.69	0.14	0.00	0.39	0.29	0.29
P-66	J-61	J-62	0.00	0.00	0.00	0.00	0.00	0.00
P-660	J-539	J-542	17.73	0.04	0.00	0.20	0.08	0.08
P-661	J-539	J-534	28.39	0.10	0.00	0.32	0.20	0.20
P-662	J-541	J-539	33.31	0.14	0.00	0.38	0.27	0.27
P-663	J-530	J-541	14.08	0.03	0.00	0.16	0.06	0.06
P-664	J-540	J-534	17.73	0.04	0.00	0.20	0.08	0.08
P-665	J-542	J-540	7.00	0.02	0.00	0.08	0.02	0.02
P-666	J-542	J-540	10.73	0.02	0.00	0.12	0.03	0.03
P-667	J-528	J-543	0.00	0.00	0.00	0.00	0.00	0.00
P-668	J-543	J-544	0.00	0.00	0.00	0.00	0.00	0.00
P-669	J-543	J-546	0.00	0.00	0.00	0.00	0.00	0.00
P-67	J-61	J-64	0.00	0.00	0.00	0.00	0.00	0.00
P-670	J-693	J-545	33.94	0.00	0.00	0.22	0.07	0.07
P-671	J-547	J-545	50.73	0.27	0.00	0.58	0.59	0.59
P-672	J-547	J-533	14.10	0.03	0.00	0.16	0.06	0.06
P-673	J-548	J-547	38.02	0.17	0.00	0.43	0.35	0.35
P-674	J-548	J-531	19.06	0.01	0.00	0.11	0.01	0.01
P-675	J-549	J-548	40.58	0.18	0.00	0.46	0.39	0.39
P-676	J-549	J-527	1.75	0.00	0.00	0.02	0.00	0.00
P-677	J-525	J-549	42.33	0.20	0.00	0.48	0.42	0.42
P-678	J-550	J-524	387.09	0.06	0.00	0.81	0.41	0.41
P-679	J-550	J-551	0.00	0.00	0.00	0.00	0.00	0.00
P-68	J-64	J-189	0.00	0.00	0.00	0.00	0.00	0.00
P-680	J-1758	J-1293	31.53	0.00	0.00	0.09	0.01	0.01
P-681	J-552	J-553	46.48	0.13	0.00	0.53	0.50	0.50
P-682	J-553	J-554	0.00	0.00	0.00	0.00	0.00	0.00
P-683	J-553	J-556	46.48	0.10	0.00	0.53	0.50	0.50
P-684	J-557	J-555	29.69	0.10	0.00	0.34	0.22	0.22
P-685	J-555	J-1912	55.68	0.38	0.00	0.63	0.70	0.70
P-686	J-556	J-555	25.99	0.16	0.00	0.29	0.17	0.17
P-687	J-556	J-557	20.49	0.05	0.00	0.23	0.11	0.11
P-688	J-562	J-557	9.20	0.00	0.00	0.10	0.03	0.03
P-689	J-559	J-560	294.43	0.12	0.00	0.61	0.25	0.25
P-69	J-63	J-236	0.00	0.00	0.00	0.00	0.00	0.00
P-690	J-559	J-548	16.51	0.03	0.00	0.19	0.07	0.07
P-691	J-560	J-453	213.96	0.06	0.00	0.45	0.14	0.14
P-692	J-560	J-547	26.81	0.08	0.00	0.30	0.18	0.18
P-693	J-560	J-561	53.67	0.08	0.00	0.34	0.16	0.16
P-694	J-559	J-562	33.22	0.12	0.00	0.38	0.27	0.27
P-695	J-562	J-561	24.03	0.07	0.00	0.27	0.15	0.15
P-696	J-561	J-563	77.69	0.59	0.00	0.88	1.31	1.31
P-697	J-545	J-564	84.67	0.31	0.00	0.54	0.38	0.38
P-698	J-563	J-564	10.39	0.00	0.00	0.07	0.01	0.01

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P-699	J-563	J-558	67.31	0.11	0.00	0.43	0.25	0.25
P-7	J-6	J-7	60.55	0.00	0.00	0.09	0.00	0.00
P-70	J-63	J-201	0.00	0.00	0.00	0.00	0.00	0.00
P-700	J-432	J-565	277.01	1.81	0.00	1.77	3.39	3.39
P-701	J-565	J-574	400.00	0.69	0.00	2.72	3.66	3.66
P-702	J-566	J-565	122.99	0.29	0.00	0.78	0.75	0.75
P-703	J-566	J-568	0.00	0.00	0.00	0.00	0.00	0.00
P-704	J-568	J-569	0.00	0.00	0.00	0.00	0.00	0.00
P-705	J-568	J-570	0.00	0.00	0.00	0.00	0.00	0.00
P-706	J-570	J-571	0.00	0.00	0.00	0.00	0.00	0.00
P-707	J-570	J-572	0.00	0.00	0.00	0.00	0.00	0.00
P-708	J-572	J-573	0.00	0.00	0.00	0.00	0.00	0.00
P-709	J-572	J-575	0.00	0.00	0.00	0.00	0.00	0.00
P-71	J-66	J-63	0.00	0.00	0.00	0.00	0.00	0.00
P-710	J-475	J-576	0.00	0.00	0.00	0.00	0.00	0.00
P-711	J-574	J-567	0.00	0.00	0.00	0.00	0.00	0.00
P-712	J-574	J-578	400.00	4.76	0.00	2.55	6.69	6.69
P-713	J-578	J-577	400.00	0.47	0.00	1.13	0.93	0.93
P-714	J-577	J-579	94.42	0.18	0.00	0.60	0.46	0.46
P-715	J-577	J-1774	305.58	0.19	0.00	1.95	4.06	4.06
P-716	J-579	J-590	94.42	1.39	0.00	1.07	1.87	1.87
P-717	J-74	J-1879	753.38	2.39	0.00	2.14	3.00	3.00
P-718	J-582	J-581	305.58	0.17	0.00	3.47	16.49	16.49
P-719	J-581	J-584	293.52	4.20	0.00	3.33	15.30	15.30
P-72	J-66	J-67	0.00	0.00	0.00	0.00	0.00	0.00
P-720	J-33	J-1968	827.28	1.84	0.00	2.35	3.57	3.57
P-721	J-1866	J-584	106.48	3.21	0.00	1.21	2.34	2.34
P-722	J-581	J-585	12.06	0.04	0.00	0.14	0.04	0.04
P-723	J-586	J-585	32.57	0.07	0.00	0.37	0.26	0.26
P-724	J-586	J-587	24.31	0.06	0.00	0.28	0.15	0.15
P-725	J-585	J-588	44.62	0.21	0.00	0.51	0.47	0.47
P-726	J-587	J-588	61.85	0.21	0.00	0.70	0.86	0.86
P-727	J-589	J-587	37.55	0.07	0.00	0.43	0.34	0.34
P-728	J-590	J-586	56.88	0.15	0.00	0.65	0.73	0.73
P-729	J-590	J-589	37.55	0.14	0.00	0.43	0.34	0.34
P-73	J-67	J-240	0.00	0.00	0.00	0.00	0.00	0.00
P-730	J-589	J-592	0.00	0.00	0.00	0.00	0.00	0.00
P-731	J-587	J-593	0.00	0.00	0.00	0.00	0.00	0.00
P-732	J-588	J-591	106.48	0.37	0.00	1.21	2.34	2.34
P-733	J-591	J-594	31.76	0.20	0.00	0.36	0.25	0.25
P-734	J-591	J-595	74.72	0.31	0.00	0.85	1.21	1.21
P-735	J-594	J-595	29.71	0.10	0.00	0.34	0.22	0.22
P-736	J-597	J-1869	0.00	0.00	0.00	0.00	0.00	0.00
P-737	J-592	J-596	0.00	0.00	0.00	0.00	0.00	0.00
P-738	J-596	J-598	0.00	0.00	0.00	0.00	0.00	0.00
P-739	J-596	J-600	0.00	0.00	0.00	0.00	0.00	0.00
P-74	J-68	J-238	0.00	0.00	0.00	0.00	0.00	0.00
P-740	J-599	J-610	72.97	0.19	0.00	0.47	0.29	0.29
P-741	J-599	J-604	32.33	0.16	0.00	0.37	0.26	0.26
P-742	J-602	J-601	0.00	0.00	0.00	0.00	0.00	0.00
P-743	J-602	J-603	0.00	0.00	0.00	0.00	0.00	0.00
P-744	J-604	J-602	0.00	0.00	0.00	0.00	0.00	0.00
P-745	J-604	J-606	32.33	0.19	0.00	0.37	0.26	0.26
P-746	J-449	J-448	2.21	0.02	0.00	0.10	0.05	0.05
P-747	J-606	J-608	32.33	0.11	0.00	0.37	0.26	0.26
P-748	J-608	J-612	105.31	0.14	0.00	0.67	0.56	0.56
P-749	J-607	J-608	72.97	0.10	0.00	0.47	0.29	0.29

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P-75	J-68	J-69	0.00	0.00	0.00	0.00	0.00	0.00
P-750	J-607	J-609	0.00	0.00	0.00	0.00	0.00	0.00
P-751	J-610	J-607	72.97	0.17	0.00	0.47	0.29	0.29
P-752	J-610	J-611	0.00	0.00	0.00	0.00	0.00	0.00
P-753	J-612	J-614	105.31	0.08	0.00	0.67	0.56	0.56
P-754	J-612	J-613	0.00	0.00	0.00	0.00	0.00	0.00
P-755	J-614	J-627	96.85	0.40	0.00	0.62	0.48	0.48
P-756	J-614	J-621	8.46	0.00	0.00	0.05	0.01	0.01
P-757	J-615	J-635	61.75	0.14	0.00	0.39	0.21	0.21
P-758	J-618	J-616	0.70	0.00	0.00	0.00	0.00	0.00
P-759	J-616	J-617	0.00	0.00	0.00	0.00	0.00	0.00
P-76	J-69	J-70	0.00	0.00	0.00	0.00	0.00	0.00
P-760	J-622	J-618	5.76	0.00	0.00	0.04	0.00	0.00
P-761	J-618	J-583	0.00	0.00	0.00	0.00	0.00	0.00
P-762	J-618	J-619	5.05	0.01	0.00	0.06	0.01	0.01
P-763	J-616	J-621	0.70	0.00	0.00	0.00	0.00	0.00
P-764	J-621	J-619	9.17	0.01	0.00	0.10	0.02	0.02
P-765	J-619	J-624	14.22	0.02	0.00	0.16	0.06	0.06
P-766	J-640	J-622	16.11	0.00	0.00	0.10	0.02	0.02
P-767	J-623	J-626	43.67	0.11	0.00	0.28	0.11	0.11
P-768	J-623	J-625	3.12	0.00	0.00	0.04	0.00	0.00
P-769	J-622	J-624	10.35	0.03	0.00	0.12	0.03	0.03
P-77	J-69	J-71	0.00	0.00	0.00	0.00	0.00	0.00
P-770	J-624	J-625	24.57	0.04	0.00	0.28	0.15	0.15
P-771	J-625	J-626	27.69	0.11	0.00	0.31	0.19	0.19
P-772	J-626	J-615	71.36	0.21	0.00	0.46	0.27	0.27
P-773	J-615	J-627	9.60	0.00	0.00	0.06	0.01	0.01
P-774	J-627	J-628	106.45	2.15	0.00	1.21	2.34	2.34
P-775	J-628	J-629	0.00	0.00	0.00	0.00	0.00	0.00
P-776	J-631	J-628	143.55	0.70	0.00	0.92	1.00	1.00
P-777	J-631	J-630	0.00	0.00	0.00	0.00	0.00	0.00
P-778	J-632	J-631	143.55	0.28	0.00	0.92	1.00	1.00
P-779	J-633	J-632	143.55	0.41	0.00	0.92	1.00	1.00
P-78	J-71	J-225	0.00	0.00	0.00	0.00	0.00	0.00
P-780	J-633	J-634	0.00	0.00	0.00	0.00	0.00	0.00
P-781	J-636	J-635	81.80	0.07	0.00	0.52	0.35	0.35
P-782	J-635	J-633	143.55	0.62	0.00	1.63	4.07	4.07
P-783	J-663	J-636	81.80	0.34	0.00	0.52	0.35	0.35
P-784	J-636	J-638	0.00	0.00	0.00	0.00	0.00	0.00
P-785	J-638	J-637	0.00	0.00	0.00	0.00	0.00	0.00
P-786	J-638	J-639	0.00	0.00	0.00	0.00	0.00	0.00
P-787	J-640	J-623	46.79	0.07	0.00	0.30	0.13	0.13
P-788	J-642	J-640	62.89	0.20	0.00	0.40	0.22	0.22
P-789	J-641	J-642	14.41	0.05	0.00	0.16	0.06	0.06
P-79	J-71	J-73	0.00	0.00	0.00	0.00	0.00	0.00
P-790	J-643	J-641	6.99	0.03	0.00	0.18	0.11	0.11
P-791	J-651	J-643	6.99	0.01	0.00	0.08	0.02	0.02
P-792	J-643	J-645	0.00	0.00	0.00	0.00	0.00	0.00
P-793	J-644	J-641	7.41	0.02	0.00	0.08	0.02	0.02
P-794	J-644	J-646	15.76	0.03	0.00	0.18	0.07	0.07
P-795	J-650	J-647	52.05	0.14	0.00	0.33	0.15	0.15
P-796	J-646	J-647	29.75	0.09	0.00	0.34	0.22	0.22
P-797	J-649	J-646	13.99	0.05	0.00	0.16	0.05	0.05
P-798	J-667	J-648	66.04	0.08	0.00	0.42	0.24	0.24
P-799	J-648	J-649	11.11	0.04	0.00	0.13	0.04	0.04
P-8	J-5	J-8	300.00	0.29	0.00	0.85	0.54	0.54
P-80	J-73	J-68	0.00	0.00	0.00	0.00	0.00	0.00

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P-800	J-650	J-649	2.88	0.00	0.00	0.03	0.00	0.00
P-801	J-648	J-650	54.93	0.03	0.00	0.35	0.17	0.17
P-802	J-651	J-644	23.18	0.02	0.00	0.26	0.14	0.14
P-803	J-653	J-651	30.17	0.23	0.00	0.34	0.23	0.23
P-804	J-653	J-652	0.00	0.00	0.00	0.00	0.00	0.00
P-805	J-654	J-653	30.17	0.09	0.00	0.34	0.23	0.23
P-806	J-654	J-655	0.00	0.00	0.00	0.00	0.00	0.00
P-807	J-449	J-654	30.17	0.03	0.00	0.34	0.23	0.23
P-808	J-484	J-482	0.00	0.00	0.00	0.00	0.00	0.00
P-809	J-448	J-1765	0.00	0.00	0.00	0.00	0.00	0.00
P-81	J-76	J-1938	158.17	1.37	0.00	1.01	1.20	1.20
P-810	J-480	J-658	127.80	0.07	0.00	0.36	0.11	0.11
P-811	J-658	J-657	40.59	0.11	0.00	0.46	0.39	0.39
P-812	J-657	J-661	48.49	0.13	0.00	0.55	0.55	0.55
P-813	J-659	J-660	0.00	0.00	0.00	0.00	0.00	0.00
P-814	J-659	J-642	48.49	0.23	0.00	0.55	0.55	0.55
P-815	J-661	J-659	48.49	0.11	0.00	0.55	0.55	0.55
P-816	J-661	J-662	0.00	0.00	0.00	0.00	0.00	0.00
P-817	J-647	J-663	81.80	0.28	0.00	0.52	0.35	0.35
P-818	J-663	J-664	0.00	0.00	0.00	0.00	0.00	0.00
P-819	J-664	J-665	0.00	0.00	0.00	0.00	0.00	0.00
P-82	J-76	J-1944	2404.08	2.12	0.00	2.28	1.08	1.08
P-820	J-664	J-666	0.00	0.00	0.00	0.00	0.00	0.00
P-821	J-1791	J-667	66.04	0.12	0.00	0.42	0.24	0.24
P-822	J-667	J-668	0.00	0.00	0.00	0.00	0.00	0.00
P-823	J-668	J-669	0.00	0.00	0.00	0.00	0.00	0.00
P-824	J-668	J-670	0.00	0.00	0.00	0.00	0.00	0.00
P-825	J-435	J-672	11.81	0.01	0.00	0.13	0.04	0.04
P-826	J-435	J-671	52.02	0.03	0.00	0.33	0.15	0.15
P-827	J-672	J-671	11.81	0.02	0.00	0.13	0.04	0.04
P-828	J-674	J-1139	0.00	0.00	0.00	0.00	0.00	0.00
P-829	J-394	T-Res	650.52	0.00	0.00	0.19	0.01	0.01
P-83	J-277	J-74	608.10	0.90	0.00	1.72	2.02	2.02
P-830	J-396	T-Res	880.33	0.00	0.00	0.26	0.01	0.01
P-831	J-414	T-Res	121.13	0.00	0.00	0.23	0.02	0.02
P-832	J-411	T-Res	95.19	0.00	0.00	0.18	0.02	0.02
P-833	T-Res	J-412	140.93	0.00	0.00	0.13	0.01	0.01
P-834	J-673	J-391	1530.85	0.01	0.00	0.48	0.03	0.03
P-835	J-673	J-1817	4053.31	0.76	0.00	3.84	2.84	2.84
P-836	J-678	J-3	216.33	0.10	0.00	0.45	0.14	0.14
P-837	J-675	J-421	0.00	0.00	0.00	0.00	0.00	0.00
P-838	J-3	J-675	53.62	0.01	0.00	0.61	0.66	0.66
P-839	J-1035	J-718	7.50	0.00	0.00	0.09	0.02	0.02
P-84	J-77	J-74	145.27	0.03	0.00	0.93	0.42	0.42
P-840	J-514	J-676	166.28	0.63	0.00	0.68	0.44	0.44
P-841	J-676	J-405	221.24	0.27	0.00	0.46	0.15	0.15
P-842	J-721	J-39	508.55	1.08	0.00	1.44	1.45	1.45
P-843	J-35	J-295	437.58	9.01	0.00	4.96	32.05	32.05
P-844	J-295	J-1941	595.10	40.29	0.00	6.75	56.65	56.65
P-845	J-520	J-677	0.00	0.00	0.00	0.00	0.00	0.00
P-846	J-520	J-678	595.10	14.20	0.00	6.75	56.65	56.65
P-847	J-678	J-523	378.97	0.15	0.00	0.79	0.40	0.40
P-848	J-1756	J-679	145.27	0.14	0.00	0.93	0.42	0.42
P-849	J-679	J-680	0.00	0.00	0.00	0.00	0.00	0.00
P-85	J-679	J-77	145.27	0.31	0.00	0.93	0.42	0.42
P-850	J-405	J-682	2714.70	14.47	0.00	2.77	2.68	2.68
P-851	J-397	J-681	451.83	0.00	0.00	0.08	0.00	0.00

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P-852	J-681	J-688	0.00	0.00	0.00	0.00	0.00	0.00
P-853	J-686	J-1979	0.00	0.00	0.00	0.00	0.00	0.00
P-854	J-683	J-685	0.00	0.00	0.00	0.00	0.00	0.00
P-855	J-686	J-683	0.00	0.00	0.00	0.00	0.00	0.00
P-856	O-RV-3	J-889	0.00	0.00	0.00	0.00	0.00	0.00
P-857	J-685	J-687	0.00	0.00	0.00	0.00	0.00	0.00
P-858	J-688	J-686	0.00	0.00	0.00	0.00	0.00	0.00
P-859	J-688	J-689	0.00	0.00	0.00	0.00	0.00	0.00
P-86	J-77	J-79	0.00	0.00	0.00	0.00	0.00	0.00
P-860	J-689	J-1907	0.00	0.00	0.00	0.00	0.00	0.00
P-861	J-689	J-691	0.00	0.00	0.00	0.00	0.00	0.00
P-862	J-692	J-405	2493.46	1.44	0.00	1.77	0.94	0.94
P-863	J-692	J-694	0.00	0.00	0.00	0.00	0.00	0.00
P-864	J-450	J-693	33.94	0.04	0.00	0.22	0.07	0.07
P-865	J-693	J-696	0.00	0.00	0.00	0.00	0.00	0.00
P-866	J-558	J-566	122.99	2.44	0.00	0.78	0.75	0.75
P-867	J-453	J-695	213.96	0.40	0.00	0.87	0.71	0.71
P-868	J-695	J-697	0.00	0.00	0.00	0.00	0.00	0.00
P-869	J-537	J-699	0.00	0.00	0.00	0.00	0.00	0.00
P-87	J-78	J-81	0.00	0.00	0.00	0.00	0.00	0.00
P-870	J-699	J-698	0.00	0.00	0.00	0.00	0.00	0.00
P-871	J-699	J-700	0.00	0.00	0.00	0.00	0.00	0.00
P-872	J-535	J-701	32.69	0.02	0.00	0.21	0.06	0.06
P-873	J-701	J-702	0.00	0.00	0.00	0.00	0.00	0.00
P-874	J-535	J-703	0.00	0.00	0.00	0.00	0.00	0.00
P-875	J-704	J-14	297.38	0.05	0.00	0.84	0.54	0.54
P-876	J-706	J-704	70.85	0.01	0.00	0.20	0.04	0.04
P-877	J-705	J-706	18.32	0.01	0.00	0.11	0.01	0.01
P-878	J-705	J-706	14.74	0.01	0.00	0.15	0.03	0.03
P-879	J-707	J-140	705.00	0.59	0.00	2.00	2.65	2.65
P-88	J-81	J-221	0.00	0.00	0.00	0.00	0.00	0.00
P-880	J-708	J-707	76.57	1.04	0.00	0.79	0.62	0.62
P-881	J-708	J-707	628.43	1.04	0.00	1.78	2.14	2.14
P-882	J-712	J-709	0.00	0.00	0.00	0.00	0.00	0.00
P-883	J-709	J-710	0.00	0.00	0.00	0.00	0.00	0.00
P-884	J-710	J-144	0.00	0.00	0.00	0.00	0.00	0.00
P-885	J-710	J-712	0.00	0.00	0.00	0.00	0.00	0.00
P-886	J-144	J-712	0.00	0.00	0.00	0.00	0.00	0.00
P-887	J-146	J-711	0.00	0.00	0.00	0.00	0.00	0.00
P-888	J-713	J-150	0.00	0.00	0.00	0.00	0.00	0.00
P-889	J-713	J-715	0.00	0.00	0.00	0.00	0.00	0.00
P-89	J-81	J-82	0.00	0.00	0.00	0.00	0.00	0.00
P-890	J-714	J-18	94.33	0.02	0.00	0.27	0.06	0.06
P-891	J-1873	J-714	2.07	0.00	0.00	0.02	0.00	0.00
P-892	J-19	J-1874	128.37	0.10	0.00	0.36	0.11	0.11
P-893	J-717	J-719	2.07	0.00	0.00	0.01	0.00	0.00
P-894	J-367	J-721	207.24	0.05	0.00	0.55	0.14	0.14
P-895	J-365	J-370	0.00	0.00	0.00	0.00	0.00	0.00
P-896	J-725	J-226	0.00	0.00	0.00	0.00	0.00	0.00
P-897	J-725	J-724	0.00	0.00	0.00	0.00	0.00	0.00
P-898	J-72	J-726	0.00	0.00	0.00	0.00	0.00	0.00
P-899	J-36	J-727	0.00	0.00	0.00	0.00	0.00	0.00
P-9	J-5	J-9	0.00	0.00	0.00	0.00	0.00	0.00
P-90	J-274	J-28	753.38	3.55	0.00	2.14	3.00	3.00
P-900	J-728	J-727	0.00	0.00	0.00	0.00	0.00	0.00
P-901	J-729	J-41	239.45	0.04	0.00	0.38	0.09	0.09
P-902	J-729	J-731	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-903	J-731	J-730	0.00	0.00	0.00	0.00	0.00	0.00
P-904	J-131	J-171	186.36	0.09	0.00	0.53	0.23	0.23
P-905	J-1828	J-1714	143.05	0.28	0.00	0.83	0.48	0.48
P-906	J-732	J-721	301.31	0.08	0.00	0.85	0.55	0.55
P-907	J-722	J-1860	3623.45	2.66	0.00	2.38	0.95	0.95
P-908	J-733	J-151	19.01	0.00	0.00	0.05	0.00	0.00
P-909	J-733	J-734	221.27	0.12	0.00	0.58	0.16	0.16
P-91	J-28	J-84	0.00	0.00	0.00	0.00	0.00	0.00
P-910	J-722	J-1789	0.00	0.00	0.00	0.00	0.00	0.00
P-911	J-113	J-111	0.00	0.00	0.00	0.00	0.00	0.00
P-912	J-113	J-957	1847.13	0.27	0.00	2.74	1.97	1.97
P-913	J-956	J-112	677.16	0.18	0.00	1.00	0.31	0.31
P-914	J-1438	J-737	4.98	0.00	0.00	0.01	0.00	0.00
P-915	J-739	J-738	257.27	0.17	0.00	0.73	0.41	0.41
P-916	J-740	J-739	229.97	0.02	0.00	0.65	0.33	0.33
P-917	J-741	J-1482	62.00	0.11	0.00	0.70	0.86	0.86
P-918	J-1481	J-741	327.66	0.18	0.00	0.93	0.64	0.64
P-919	J-745	J-743	2180.01	1.83	0.00	3.23	2.67	2.67
P-92	J-30	J-83	363.91	0.25	0.00	1.03	0.78	0.78
P-920	J-682	I-P-G2	0.00	0.00	0.00	0.00	0.00	0.00
P-921	J-744	J-742	218.05	1.45	0.00	1.39	2.17	2.17
P-922	J-1480	J-745	2073.24	1.67	0.00	3.07	2.43	2.43
P-923	J-745	J-744	319.20	0.39	0.00	3.62	17.87	17.87
P-924	J-1319	J-745	425.96	0.20	0.00	1.21	1.04	1.04
P-925	J-183	J-747	0.00	0.00	0.00	0.00	0.00	0.00
P-926	J-747	J-757	0.00	0.00	0.00	0.00	0.00	0.00
P-927	J-747	J-749	0.00	0.00	0.00	0.00	0.00	0.00
P-928	J-749	J-748	0.00	0.00	0.00	0.00	0.00	0.00
P-929	J-749	J-750	0.00	0.00	0.00	0.00	0.00	0.00
P-93	J-83	J-1964	28.93	0.00	0.00	0.18	0.05	0.05
P-930	J-750	J-755	0.00	0.00	0.00	0.00	0.00	0.00
P-931	J-750	J-753	0.00	0.00	0.00	0.00	0.00	0.00
P-932	J-753	J-752	0.00	0.00	0.00	0.00	0.00	0.00
P-933	J-753	J-754	0.00	0.00	0.00	0.00	0.00	0.00
P-934	J-755	J-751	0.00	0.00	0.00	0.00	0.00	0.00
P-935	J-755	J-756	0.00	0.00	0.00	0.00	0.00	0.00
P-936	J-757	J-746	0.00	0.00	0.00	0.00	0.00	0.00
P-937	J-757	J-759	0.00	0.00	0.00	0.00	0.00	0.00
P-938	J-759	J-758	0.00	0.00	0.00	0.00	0.00	0.00
P-939	J-759	J-1985	0.00	0.00	0.00	0.00	0.00	0.00
P-94	J-85	J-86	0.00	0.00	0.00	0.00	0.00	0.00
P-940	J-760	J-761	0.00	0.00	0.00	0.00	0.00	0.00
P-941	J-1379	J-762	1887.33	0.35	0.00	2.80	2.05	2.05
P-942	J-762	J-1380	332.28	0.46	0.00	0.94	0.66	0.66
P-943	J-763	J-764	2.64	0.00	0.00	0.01	0.00	0.00
P-944	J-763	J-766	384.11	0.23	0.00	1.09	0.86	0.86
P-945	J-766	J-1203	386.75	0.40	0.00	1.10	0.87	0.87
P-946	J-764	J-766	2.64	0.23	0.00	0.21	0.29	0.29
P-947	J-769	J-1190	14.59	0.00	0.00	0.09	0.01	0.01
P-948	J-767	J-1215	331.59	0.05	0.00	0.94	0.66	0.66
P-949	J-765	J-768	53.05	0.00	0.00	0.15	0.02	0.02
P-95	J-85	J-87	0.00	0.00	0.00	0.00	0.00	0.00
P-950	J-768	J-1295	315.82	0.21	0.00	0.90	0.60	0.60
P-951	J-772	J-771	1939.71	1.18	0.00	2.88	2.15	2.15
P-952	J-1075	J-774	1142.48	1.19	0.00	1.82	1.60	1.60
P-953	J-1303	J-782	1939.71	1.56	0.00	2.88	2.15	2.15
P-954	J-791	J-772	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

P-955	J-774	T-Tot	1488.16	0.06	0.00	2.21	1.32	1.32
P-956	J-775	J-774	345.69	0.62	0.00	0.55	0.17	0.17
P-957	J-776	T-Con	2174.99	0.06	0.00	1.43	0.37	0.37
P-958	J-1043	J-775	96.38	0.04	0.00	0.27	0.07	0.07
P-959	J-778	J-777	0.00	0.00	0.00	0.00	0.00	0.00
P-96	J-88	J-299	418.40	0.69	0.00	1.19	1.01	1.01
P-960	J-779	J-1037	0.00	0.00	0.00	0.00	0.00	0.00
P-961	J-1028	J-779	96.38	0.16	0.00	0.27	0.07	0.07
P-962	J-1925	J-1927	0.00	0.00	0.00	0.00	0.00	0.00
P-963	J-780	J-1929	32.03	0.00	0.00	0.09	0.01	0.01
P-964	J-1021	J-780	128.41	0.04	0.00	0.36	0.11	0.11
P-965	J-781	J-1884	0.00	0.00	0.00	0.00	0.00	0.00
P-966	J-782	J-772	1939.71	1.24	0.00	2.88	2.15	2.15
P-967	J-782	J-784	0.00	0.00	0.00	0.00	0.00	0.00
P-968	J-781	J-801	0.00	0.00	0.00	0.00	0.00	0.00
P-969	J-771	J-1075	1142.48	0.41	0.00	1.69	0.81	0.81
P-97	J-88	J-90	0.00	0.00	0.00	0.00	0.00	0.00
P-970	J-799	J-1919	856.82	0.20	0.00	0.81	0.16	0.16
P-971	J-787	J-788	0.00	0.00	0.00	0.00	0.00	0.00
P-972	J-789	J-786	0.00	0.00	0.00	0.00	0.00	0.00
P-973	J-789	J-788	0.00	0.00	0.00	0.00	0.00	0.00
P-974	J-788	J-790	0.00	0.00	0.00	0.00	0.00	0.00
P-975	J-790	J-792	0.00	0.00	0.00	0.00	0.00	0.00
P-976	J-790	J-791	0.00	0.00	0.00	0.00	0.00	0.00
P-977	J-791	J-787	0.00	0.00	0.00	0.00	0.00	0.00
P-978	J-786	J-787	0.00	0.00	0.00	0.00	0.00	0.00
P-979	J-792	J-794	0.00	0.00	0.00	0.00	0.00	0.00
P-98	J-83	J-89	334.98	0.69	0.00	0.95	0.67	0.67
P-980	J-792	J-793	0.00	0.00	0.00	0.00	0.00	0.00
P-981	J-793	J-789	0.00	0.00	0.00	0.00	0.00	0.00
P-982	J-794	J-795	0.00	0.00	0.00	0.00	0.00	0.00
P-983	J-794	J-796	0.00	0.00	0.00	0.00	0.00	0.00
P-984	J-796	J-793	0.00	0.00	0.00	0.00	0.00	0.00
P-985	J-795	J-798	0.00	0.00	0.00	0.00	0.00	0.00
P-986	J-795	J-797	0.00	0.00	0.00	0.00	0.00	0.00
P-987	J-797	J-796	0.00	0.00	0.00	0.00	0.00	0.00
P-988	J-798	J-800	0.00	0.00	0.00	0.00	0.00	0.00
P-989	J-798	J-800	0.00	0.00	0.00	0.00	0.00	0.00
P-99	J-89	J-91	45.92	0.02	0.00	0.29	0.12	0.12
P-990	J-800	J-797	0.00	0.00	0.00	0.00	0.00	0.00
P-991	J-771	J-799	856.82	0.23	0.00	0.81	0.16	0.16
P-992	J-785	J-783	187.21	0.01	0.00	0.49	0.11	0.11
P-993	J-804	J-802	59.59	0.02	0.00	0.17	0.03	0.03
P-994	J-802	J-803	0.00	0.00	0.00	0.00	0.00	0.00
P-995	J-814	J-804	75.29	0.01	0.00	0.21	0.04	0.04
P-996	J-804	J-1034	15.70	0.10	0.00	0.18	0.07	0.07
P-997	J-108	J-1072	0.00	0.00	0.00	0.00	0.00	0.00
P-998	J-1308	J-806	244.74	0.01	0.00	0.69	0.37	0.37
P-999	J-807	J-805	0.00	0.00	0.00	0.00	0.00	0.00

P U M P / L O S S E L E M E N T R E S U L T S

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

#PUMPS	NPSH	INLET	OUTLET	PUMP	EFFIC-	USEFUL	INCREMTL	TOTAL	#PUMPS	
SERIES	NAME	FLOWRATE	HEAD	HEAD	HEAD	ENCY	POWER	COST	COST	
(ft)	Avail.	(gpm)	(ft)	(ft)	(ft)	(%)	(Hp)	(\$)	(\$)	
**	P-EF1	3623.45	269.07	464.67	195.6	----	-----	---	----	**
**	299.4									
	Device "P-EF2" is closed									
	Device "P-EF3" is closed									
	Device "P-G2" is closed									
**	P-G5	2714.70	126.96	351.94	225.0	----	-----	---	----	**
**	159.4									
**	P-H1	4053.31	63.27	216.33	153.1	----	-----	---	----	**
**	92.8									
	Device "P-H2" is closed									
	Device "P-Jett" is closed									
	Device "Pump-HS1" is closed									
**	Pump-HS2	6026.18	10.00	209.23	199.2	----	-----	---	----	**
**	43.2									
**	Pump-HS3	6026.23	10.00	209.23	199.2	----	-----	---	----	**
**	43.2									
	Device "Pump-Mill" is closed									
	Device "Pump-R" is closed									

N O D E R E S U L T S

NODE	NODE	EXTERNAL	HYDRAULIC	NODE	PRESSURE	NODE
NAME	TITLE	DEMAND	GRADE	ELEVATION	HEAD	PRESSURE
		(gpm)	(ft)	(ft)	(ft)	(psi)
J-1		0.00	934.98	883.00	51.98	22.52
J-10		0.00	932.00	732.00	200.00	86.67
J-100		0.00	929.33	748.00	181.33	78.58
J-1000		0.00	965.92	836.00	129.92	56.30
J-1001		0.00	965.92	832.00	133.92	58.03
J-1002		0.00	965.92	830.00	135.92	58.90
J-1003		0.00	965.92	806.00	159.92	69.30
J-1004		0.00	965.92	820.00	145.92	63.23
J-1005		0.00	965.92	814.00	151.92	65.83
J-1006		0.00	965.92	816.00	149.92	64.97
J-1007		0.00	965.92	802.00	163.92	71.03
J-1008		0.00	965.92	812.00	153.92	66.70
J-1009		0.00	965.92	800.00	165.92	71.90
J-101		0.00	929.33	748.00	181.33	78.58
J-1010		0.00	965.92	818.00	147.92	64.10
J-1011		0.00	965.92	830.00	135.92	58.90
J-1012		0.00	965.11	830.00	135.11	58.55
J-1013		0.00	966.97	770.00	196.97	85.36
J-1014		0.00	965.11	816.00	149.11	64.62
J-1015		0.00	966.97	770.00	196.97	85.36
J-1016		0.00	966.97	792.00	174.97	75.82
J-1017		0.00	967.23	788.00	179.23	77.67

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

J-1018	0.00	966.97	786.00	180.97	78.42
J-1019	0.00	967.23	787.00	180.23	78.10
J-102	0.00	929.33	756.00	173.33	75.11
J-1020	0.00	967.23	797.00	170.23	73.77
J-1021	0.00	967.20	789.00	178.20	77.22
J-1022	0.00	967.23	788.00	179.23	77.67
J-1023	0.00	967.20	808.00	159.20	68.99
J-1024	0.00	967.20	806.00	161.20	69.85
J-1025	0.00	967.04	784.00	183.04	79.32
J-1026	0.00	967.27	773.00	194.27	84.19
J-1027	0.00	967.27	772.00	195.27	84.62
J-1028	0.00	967.12	812.00	155.12	67.22
J-1029	0.00	967.12	816.00	151.12	65.49
J-103	0.00	927.89	794.00	133.89	58.02
J-1030	0.00	967.77	808.00	159.77	69.23
J-1031	0.00	966.84	800.00	166.84	72.30
J-1032	0.00	967.77	808.00	159.77	69.23
J-1033	0.00	967.77	782.00	185.77	80.50
J-1034	0.00	967.78	818.00	149.78	64.91
J-1035	0.00	967.78	818.00	149.78	64.90
J-1036	0.00	967.78	821.00	146.78	63.60
J-1037	0.00	966.97	826.00	140.97	61.08
J-1038	0.00	966.94	798.00	168.94	73.21
J-1039	0.00	966.97	815.00	151.97	65.85
J-104	0.00	929.33	766.00	163.33	70.78
J-1040	0.00	966.90	798.00	168.90	73.19
J-1041	0.00	966.94	798.00	168.94	73.21
J-1042	0.00	966.90	805.00	161.90	70.15
J-1043	0.00	966.88	788.00	178.88	77.51
J-1044	0.00	966.88	813.00	153.88	66.68
J-1045	0.00	967.96	796.00	171.96	74.52
J-1046	0.00	967.96	786.00	181.96	78.85
J-1047	0.00	967.96	742.00	225.96	97.92
J-1048	0.00	967.96	770.00	197.96	85.78
J-1049	0.00	1008.00	657.00	351.00	152.10
J-105	0.00	928.01	792.00	136.01	58.94
J-1050	0.00	967.96	791.00	176.96	76.68
J-1051	0.00	967.96	784.00	183.96	79.72
J-1052	0.00	967.96	763.00	204.96	88.82
J-1053	0.00	967.96	775.00	192.96	83.62
J-1054	0.00	967.96	764.00	203.96	88.38
J-1055	0.00	967.96	800.00	167.96	72.78
J-1056	0.00	967.96	808.00	159.96	69.32
J-1057	0.00	967.96	772.00	195.96	84.92
J-1058	0.00	967.96	774.00	193.96	84.05
J-1059	0.00	967.96	774.00	193.96	84.05
J-106	0.00	935.43	731.00	204.43	88.59
J-1060	0.00	986.02	808.00	178.02	77.14
J-1061	0.00	993.25	782.00	211.25	91.54
J-1062	0.00	996.17	767.00	229.17	99.31
J-1063	0.00	1003.12	763.00	240.12	104.05
J-1064	0.00	991.60	824.00	167.60	72.63
J-1065	0.00	996.16	762.00	234.16	101.47
J-1066	0.00	996.16	793.00	203.16	88.04
J-1067	0.00	990.19	813.00	177.19	76.78
J-1068	0.00	996.62	760.00	236.62	102.54
J-1069	0.00	995.33	768.00	227.33	98.51

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J-107	0.00	968.50	500.00	468.50	203.02
J-1070	0.00	996.60	789.00	207.60	89.96
J-1071	0.00	987.10	819.00	168.10	72.84
J-1072	0.00	968.50	820.00	148.50	64.35
J-1073	0.00	967.77	810.00	157.77	68.37
J-1074	0.00	997.47	788.00	209.47	90.77
J-1075	0.00	967.41	807.00	160.41	69.51
J-1076	0.00	997.59	787.00	210.59	91.26
J-1077	0.00	967.85	827.00	140.85	61.03
J-1078	0.00	997.14	754.00	243.14	105.36
J-1079	0.00	997.14	766.00	231.14	100.16
J-108	0.00	968.50	840.00	128.50	55.68
J-1080	0.00	996.90	755.00	241.90	104.82
J-1081	0.00	998.39	750.00	248.39	107.63
J-1082	0.00	996.16	780.00	216.16	93.67
J-1083	0.00	996.04	784.00	212.04	91.88
J-1084	0.00	988.40	819.00	169.40	73.41
J-1085	0.00	996.16	788.00	208.16	90.20
J-1086	0.00	989.38	804.00	185.38	80.33
J-1087	0.00	988.40	801.00	187.40	81.21
J-1088	0.00	989.68	802.00	187.68	81.33
J-1089	0.00	989.38	784.00	205.38	89.00
J-109	0.00	926.37	796.00	130.37	56.49
J-1090	0.00	989.68	780.00	209.68	90.86
J-1091	0.00	990.66	798.00	192.66	83.49
J-1092	0.00	990.66	770.00	220.66	95.62
J-1093	0.00	991.65	796.00	195.65	84.78
J-1094	0.00	988.67	815.00	173.67	75.26
J-1095	0.00	992.35	780.00	212.35	92.02
J-1096	0.00	988.53	830.00	158.53	68.70
J-1097	0.00	988.67	790.00	198.67	86.09
J-1098	0.00	988.53	776.00	212.53	92.10
J-1099	0.00	988.53	804.00	184.53	79.96
J-11	0.00	927.67	778.00	149.67	64.86
J-110	0.00	968.75	810.00	158.75	68.79
J-1100	0.00	988.53	762.00	226.53	98.16
J-1101	0.00	987.86	826.00	161.86	70.14
J-1102	0.00	988.53	758.00	230.53	99.90
J-1103	0.00	987.67	824.00	163.67	70.92
J-1104	0.00	984.86	764.00	220.86	95.71
J-1105	0.00	985.94	790.00	195.94	84.91
J-1106	0.00	986.62	782.00	204.62	88.67
J-1107	0.00	987.66	814.00	173.66	75.25
J-1108	0.00	986.02	814.00	172.02	74.54
J-1109	0.00	986.62	812.00	174.62	75.67
J-111	0.00	943.59	835.00	108.59	47.06
J-1110	0.00	981.14	752.00	229.14	99.29
J-1111	0.00	981.17	754.00	227.17	98.44
J-1112	0.00	979.73	773.00	206.73	89.58
J-1113	0.00	979.56	782.00	197.56	85.61
J-1114	0.00	979.58	786.00	193.58	83.89
J-1115	0.00	979.27	812.00	167.27	72.48
J-1116	0.00	976.10	782.00	194.10	84.11
J-1117	0.00	976.53	783.00	193.53	83.86
J-1118	0.00	978.57	784.00	194.57	84.31
J-1119	0.00	979.01	792.00	187.01	81.04
J-112	0.00	964.81	835.00	129.81	56.25

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J-1120	0.00	980.22	818.00	162.22	70.29
J-1121	0.00	978.77	774.00	204.77	88.73
J-1122	0.00	983.74	808.00	175.74	76.15
J-1123	0.00	982.07	740.00	242.07	104.90
J-1124	0.00	978.77	775.00	203.77	88.30
J-1125	0.00	978.77	774.00	204.77	88.73
J-1126	0.00	982.41	758.00	224.41	97.25
J-1127	0.00	982.41	756.00	226.41	98.11
J-1128	0.00	982.41	773.00	209.41	90.75
J-1129	0.00	982.42	760.00	222.42	96.38
J-113	0.00	943.59	835.00	108.59	47.06
J-1130	0.00	982.99	637.00	345.99	149.93
J-1131	0.00	982.42	794.00	188.42	81.65
J-1132	0.00	982.41	766.00	216.41	93.78
J-1133	0.00	801.98	511.00	290.98	126.09
J-1134	0.00	982.41	766.00	216.41	93.78
J-1135	0.00	982.41	762.00	220.41	95.51
J-1136	0.00	982.41	773.00	209.41	90.75
J-1137	0.00	982.41	774.00	208.41	90.31
J-1138	0.00	982.41	800.00	182.41	79.05
J-1139	0.00	982.41	798.00	184.41	79.91
J-114	0.00	926.34	786.00	140.34	60.82
J-1140	0.00	982.41	798.00	184.41	79.91
J-1141	0.00	982.41	768.00	214.41	92.91
J-1142	0.00	982.27	729.00	253.27	109.75
J-1143	0.00	982.41	777.00	205.41	89.01
J-1144	0.00	982.63	723.00	259.63	112.50
J-1145	0.00	984.75	766.00	218.75	94.79
J-1146	0.00	984.54	776.00	208.54	90.37
J-1147	0.00	985.41	770.00	215.41	93.34
J-1148	0.00	984.53	778.00	206.53	89.50
J-1149	0.00	986.11	792.00	194.11	84.12
J-115	0.00	926.59	813.00	113.59	49.22
J-1150	0.00	984.67	770.00	214.67	93.02
J-1151	0.00	984.76	776.00	208.76	90.46
J-1152	0.00	984.76	772.00	212.76	92.20
J-1153	0.00	984.74	776.00	208.74	90.45
J-1154	0.00	984.84	756.00	228.84	99.17
J-1155	0.00	984.74	780.00	204.74	88.72
J-1156	0.00	984.88	785.00	199.88	86.62
J-1157	0.00	984.18	774.00	210.18	91.08
J-1158	0.00	984.18	768.00	216.18	93.68
J-1159	0.00	983.82	766.00	217.82	94.39
J-116	0.00	926.35	790.00	136.35	59.09
J-1160	0.00	983.82	754.00	229.82	99.59
J-1161	0.00	983.69	742.00	241.69	104.73
J-1162	0.00	983.88	762.00	221.88	96.15
J-1163	0.00	983.87	770.00	213.87	92.68
J-1164	0.00	983.87	761.00	222.87	96.58
J-1165	0.00	983.63	764.00	219.63	95.17
J-1166	0.00	983.69	748.00	235.69	102.13
J-1167	0.00	980.59	702.00	278.59	120.72
J-1168	0.00	980.59	700.00	280.59	121.59
J-1169	0.00	983.19	744.00	239.19	103.65
J-117	0.00	926.95	819.00	107.95	46.78
J-1170	0.00	981.25	692.00	289.25	125.34
J-1171	0.00	981.25	722.00	259.25	112.34

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J-1172	0.00	982.41	714.00	268.41	116.31
J-1173	0.00	983.62	764.00	219.62	95.17
J-1174	0.00	983.26	748.00	235.26	101.95
J-1175	0.00	983.48	754.00	229.48	99.44
J-1176	0.00	983.24	740.00	243.24	105.40
J-1177	0.00	983.48	750.00	233.48	101.17
J-1178	0.00	983.62	766.00	217.62	94.30
J-1179	0.00	983.24	743.00	240.24	104.10
J-118	0.00	926.30	770.00	156.30	67.73
J-1180	0.00	983.66	750.00	233.66	101.25
J-1181	0.00	983.69	748.00	235.69	102.13
J-1182	0.00	983.66	750.00	233.66	101.25
J-1183	0.00	983.69	750.00	233.69	101.26
J-1184	0.00	983.69	754.00	229.69	99.53
J-1185	0.00	983.69	742.00	241.69	104.73
J-1186	0.00	983.69	740.00	243.69	105.60
J-1187	0.00	983.69	742.00	241.69	104.73
J-1188	0.00	983.69	741.00	242.69	105.17
J-1189	0.00	983.69	736.00	247.69	107.33
J-119	0.00	927.47	830.00	97.47	42.24
J-1190	0.00	983.68	745.00	238.68	103.43
J-1191	0.00	983.68	748.00	235.68	102.13
J-1192	0.00	985.32	744.00	241.32	104.57
J-1193	0.00	985.32	745.00	240.32	104.14
J-1194	0.00	985.32	745.00	240.32	104.14
J-1195	0.00	985.32	749.00	236.32	102.41
J-1196	0.00	984.75	760.00	224.75	97.39
J-1197	0.00	985.32	750.00	235.32	101.97
J-1198	0.00	985.32	747.00	238.32	103.27
J-1199	0.00	985.32	758.00	227.32	98.51
J-12	0.00	927.67	778.00	149.67	64.86
J-120	0.00	927.46	830.00	97.46	42.23
J-1200	0.00	985.35	750.00	235.35	101.99
J-1201	0.00	986.02	771.00	215.02	93.18
J-1202	0.00	986.02	773.00	213.02	92.31
J-1203	0.00	987.73	814.00	173.73	75.28
J-1204	0.00	986.64	794.00	192.64	83.48
J-1205	0.00	986.64	778.00	208.64	90.41
J-1206	0.00	986.64	776.00	210.64	91.28
J-1207	0.00	986.64	819.00	167.64	72.65
J-1208	0.00	987.02	821.00	166.02	71.94
J-1209	0.00	986.75	800.00	186.75	80.93
J-121	0.00	927.46	816.00	111.46	48.30
J-1210	0.00	986.83	806.00	180.83	78.36
J-1211	0.00	987.02	812.00	175.02	75.84
J-1212	0.00	985.78	771.00	214.78	93.07
J-1213	0.00	986.83	780.00	206.83	89.63
J-1214	0.00	985.78	778.00	207.78	90.04
J-1215	0.00	986.94	776.00	210.94	91.41
J-1216	0.00	985.40	768.00	217.40	94.21
J-1217	0.00	986.02	758.00	228.02	98.81
J-1218	0.00	986.86	771.00	215.86	93.54
J-1219	0.00	986.86	766.00	220.86	95.71
J-122	0.00	927.46	808.00	119.46	51.77
J-1220	0.00	986.86	759.00	227.86	98.74
J-1221	0.00	986.86	759.00	227.86	98.74
J-1222	0.00	986.78	769.00	217.78	94.37

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J-1223		0.00	986.86	748.00	238.86	103.51
J-1224		0.00	986.80	765.00	221.80	96.11
J-1225		0.00	986.78	746.00	240.78	104.34
J-1226		0.00	986.80	761.00	225.80	97.85
J-1227		0.00	988.61	840.00	148.61	64.40
J-1228		0.00	987.05	780.00	207.05	89.72
J-1229		0.00	983.83	760.00	223.83	96.99
J-123		0.00	926.85	777.00	149.85	64.93
J-1230		0.00	983.24	745.00	238.24	103.24
J-1231		0.00	983.83	746.00	237.83	103.06
J-1232		0.00	981.79	667.00	314.79	136.41
J-1233		0.00	983.24	746.00	237.24	102.80
J-1234		0.00	981.79	669.00	312.79	135.54
J-1235		0.00	981.79	671.00	310.79	134.67
J-1236		0.00	981.79	663.00	318.79	138.14
J-1237		0.00	981.79	670.00	311.79	135.11
J-1238		0.00	981.79	672.00	309.79	134.24
J-1239		0.00	981.79	672.00	309.79	134.24
J-124		0.00	927.46	816.00	111.46	48.30
J-1240		0.00	981.79	672.00	309.79	134.24
J-1241		0.00	981.79	702.00	279.79	121.24
J-1242		0.00	981.79	688.00	293.79	127.31
J-1243		0.00	981.79	725.00	256.79	111.27
J-1244		0.00	981.79	693.00	288.79	125.14
J-1245		0.00	980.33	707.00	273.33	118.44
J-1246		0.00	933.01	660.00	273.01	118.30
J-1247	Elkhorn MM	325.00	931.09	660.00	271.09	117.47
J-1248		0.00	933.01	660.00	273.01	118.30
J-1249		0.00	985.32	752.00	233.32	101.11
J-125		0.00	926.59	801.00	125.59	54.42
J-1250		0.00	985.32	753.00	232.32	100.67
J-1251		0.00	985.34	753.00	232.34	100.68
J-1252		0.00	985.31	753.00	232.31	100.67
J-1253		0.00	983.67	736.00	247.67	107.32
J-1254		0.00	927.88	794.00	133.88	58.02
J-1255		0.00	984.73	776.00	208.73	90.45
J-1256		0.00	984.47	772.00	212.47	92.07
J-1257		0.00	984.53	768.00	216.53	93.83
J-1258		0.00	984.73	774.00	210.73	91.32
J-1259		0.00	984.53	758.00	226.53	98.16
J-126		0.00	924.00	801.00	123.00	53.30
J-1260		0.00	984.80	774.00	210.80	91.35
J-1261		0.00	984.80	774.00	210.80	91.35
J-1262		0.00	986.14	764.00	222.14	96.26
J-1263		0.00	986.88	752.00	234.88	101.78
J-1264		0.00	986.14	764.00	222.14	96.26
J-1265		0.00	986.88	749.00	237.88	103.08
J-1266		0.00	986.30	743.00	243.30	105.43
J-1267		0.00	987.07	766.00	221.07	95.80
J-1268		0.00	986.47	743.00	243.47	105.51
J-1269		0.00	984.64	754.00	230.64	99.94
J-127		0.00	925.54	820.00	105.54	45.73
J-1270		0.00	983.81	752.00	231.81	100.45
J-1271		0.00	983.81	734.00	249.81	108.25
J-1272		0.00	983.15	716.00	267.15	115.77
J-1273		0.00	984.52	728.00	256.52	111.16
J-1274		0.00	983.83	720.00	263.83	114.33

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J-1275	0.00	984.48	736.00	248.48	107.67
J-1276	0.00	983.01	750.00	233.01	100.97
J-1277	0.00	986.54	749.00	237.54	102.93
J-1278	0.00	983.22	720.00	263.22	114.06
J-1279	0.00	982.94	736.00	246.94	107.01
J-128	0.00	925.54	813.00	112.54	48.77
J-1280	0.00	982.94	711.00	271.94	117.84
J-1281	0.00	982.94	736.00	246.94	107.01
J-1282	0.00	982.94	754.00	228.94	99.21
J-1283	0.00	982.94	724.00	258.94	112.21
J-1284	0.00	986.52	725.00	261.52	113.33
J-1285	0.00	982.94	751.00	231.94	100.51
J-1286	0.00	987.31	755.00	232.31	100.67
J-1287	0.00	986.59	755.00	231.59	100.35
J-1288	0.00	986.71	746.00	240.71	104.31
J-1289	0.00	987.88	763.00	224.88	97.45
J-129	0.00	925.54	819.00	106.54	46.17
J-1290	0.00	986.28	762.00	224.28	97.19
J-1291	0.00	986.74	760.00	226.74	98.25
J-1292	0.00	1001.33	776.00	225.33	97.64
J-1293	0.00	968.72	776.00	192.72	83.51
J-1294	0.00	1000.31	778.00	222.31	96.34
J-1295	0.00	986.54	762.00	224.54	97.30
J-1296	0.00	999.85	755.00	244.85	106.10
J-1297	0.00	1000.31	770.00	230.31	99.80
J-1298	0.00	1000.31	768.00	232.31	100.67
J-1299	0.00	1000.31	778.00	222.31	96.34
J-13	0.00	927.67	760.00	167.67	72.66
J-130	0.00	925.06	776.00	149.06	64.59
J-1300	0.00	1000.31	764.00	236.31	102.40
J-1301	0.00	998.59	764.00	234.59	101.66
J-1302	0.00	967.85	811.00	156.85	67.97
J-1303	0.00	971.82	804.00	167.82	72.72
J-1304	0.00	997.47	776.00	221.47	95.97
J-1305	0.00	997.23	756.00	241.23	104.54
J-1306	0.00	997.23	746.00	251.23	108.87
J-1307	0.00	967.77	809.00	158.77	68.80
J-1308	0.00	967.77	767.00	200.77	87.00
J-1309	0.00	997.30	762.00	235.30	101.96
J-131	0.00	926.01	814.00	112.01	48.54
J-1310	0.00	997.25	768.00	229.25	99.34
J-1311	0.00	967.77	809.00	158.77	68.80
J-1312	0.00	997.47	768.00	229.47	99.44
J-1313	0.00	998.01	742.00	256.01	110.94
J-1314	0.00	1001.67	720.00	281.67	122.06
J-1315	0.00	1001.67	702.00	299.67	129.86
J-1316	0.00	1001.67	700.00	301.67	130.72
J-1317	0.00	1003.91	710.00	293.91	127.36
J-1318	0.00	1001.67	693.00	308.67	133.76
J-1319	0.00	1006.53	666.00	340.53	147.56
J-132	0.00	925.06	774.00	151.06	65.46
J-1320	0.00	1003.97	708.00	295.97	128.25
J-1321	0.00	1003.91	694.00	309.91	134.29
J-1322	0.00	1003.97	744.00	259.97	112.65
J-1323	0.00	999.44	752.00	247.44	107.22
J-1324	0.00	999.44	718.00	281.44	121.96
J-1325	0.00	999.48	751.00	248.48	107.67

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J-1326	0.00	999.48	760.00	239.48	103.77
J-1327	0.00	999.48	779.00	220.48	95.54
J-1328	0.00	997.14	752.00	245.14	106.23
J-1329	0.00	997.47	768.00	229.47	99.44
J-133	0.00	925.06	782.00	143.06	61.99
J-1330	0.00	967.77	811.00	156.77	67.93
J-1331	0.00	992.38	792.00	200.38	86.83
J-1332	0.00	989.02	812.00	177.02	76.71
J-1333	0.00	992.38	761.00	231.38	100.26
J-1334	0.00	991.30	824.00	167.30	72.50
J-1335	0.00	989.02	793.00	196.02	84.94
J-1336	0.00	990.19	826.00	164.19	71.15
J-1337	0.00	990.19	812.00	178.19	77.21
J-1338	0.00	988.85	800.00	188.85	81.83
J-1339	0.00	988.85	802.00	186.85	80.97
J-134	0.00	925.49	778.00	147.49	63.91
J-1340	0.00	986.57	782.00	204.57	88.65
J-1341	0.00	986.57	796.00	190.57	82.58
J-1342	0.00	986.57	793.00	193.57	83.88
J-1343	0.00	986.57	802.00	184.57	79.98
J-1344	0.00	987.20	796.00	191.20	82.85
J-1345	0.00	986.03	788.00	198.03	85.81
J-1346	0.00	987.20	810.00	177.20	76.79
J-1347	0.00	986.03	796.00	190.03	82.35
J-1348	0.00	986.62	790.00	196.62	85.20
J-1349	0.00	986.62	764.00	222.62	96.47
J-135	0.00	927.17	822.00	105.17	45.57
J-1350	0.00	986.62	790.00	196.62	85.20
J-1351	0.00	978.77	772.00	206.77	89.60
J-1352	0.00	987.66	823.00	164.66	71.35
J-1353	0.00	982.33	760.00	222.33	96.34
J-1354	0.00	982.33	760.00	222.33	96.34
J-1355	0.00	982.33	760.00	222.33	96.34
J-1356	0.00	982.33	762.00	220.33	95.48
J-1357	0.00	982.37	758.00	224.37	97.23
J-1358	0.00	982.40	760.00	222.40	96.37
J-1359	0.00	982.37	766.00	216.37	93.76
J-136	0.00	935.96	820.00	115.96	50.25
J-1360	0.00	982.40	775.00	207.40	89.87
J-1361	0.00	982.41	804.00	178.41	77.31
J-1362	0.00	968.50	868.00	100.50	43.55
J-1363	0.00	982.48	744.00	238.48	103.34
J-1364	0.00	982.48	735.00	247.48	107.24
J-1365	0.00	981.79	669.00	312.79	135.54
J-1366	0.00	981.79	669.00	312.79	135.54
J-1367	0.00	981.79	669.00	312.79	135.54
J-1368	0.00	981.79	669.00	312.79	135.54
J-1369	0.00	981.79	669.00	312.79	135.54
J-137	0.00	927.79			
J-1370	0.00	981.79	668.00	313.79	135.97
J-1371	0.00	981.79	675.00	306.79	132.94
J-1372	0.00	981.79	676.00	305.79	132.51
J-1373	0.00	986.62	784.00	202.62	87.80
J-1374	0.00	986.53	814.00	172.53	74.76
J-1375	0.00	986.54	796.00	190.54	82.57
J-1376	0.00	986.54	798.00	188.54	81.70
J-1377	0.00	986.53	796.00	190.53	82.56

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J-1378	0.00	986.41	778.00	208.41	90.31
J-1379	0.00	990.24	789.00	201.24	87.20
J-138	0.00	924.06	802.00	122.06	52.89
J-1380	0.00	989.44	813.00	176.44	76.46
J-1381	0.00	991.44	779.00	212.44	92.06
J-1382	0.00	991.94	777.00	214.94	93.14
J-1383	0.00	991.44	794.00	197.44	85.56
J-1384	0.00	991.94	786.00	205.94	89.24
J-1385	0.00	990.92	791.00	199.92	86.63
J-1386	0.00	993.43	768.00	225.43	97.69
J-1387	0.00	991.87	798.00	193.87	84.01
J-1388	0.00	993.43	768.00	225.43	97.69
J-1389	0.00	993.53	765.00	228.53	99.03
J-139	0.00	922.58	782.00	140.58	60.92
J-1390	0.00	993.80	764.00	229.80	99.58
J-1391	0.00	993.40	786.00	207.40	89.87
J-1392	0.00	993.39	793.00	200.39	86.84
J-1393	0.00	993.40	808.00	185.40	80.34
J-1394	0.00	993.40	828.00	165.40	71.67
J-1395	0.00	993.40	798.00	195.40	84.67
J-1396	0.00	993.39	786.00	207.39	89.87
J-1397	0.00	970.62	810.00	160.62	69.60
J-1398	0.00	993.05	824.00	169.05	73.25
J-1399	0.00	978.77	782.00	196.77	85.27
J-14	0.00	927.69	814.00	113.69	49.27
J-140	0.00	916.34	798.00	118.34	51.28
J-1400	0.00	988.48	766.00	222.48	96.41
J-1401	0.00	991.20	785.00	206.20	89.35
J-1402	0.00	991.20	790.00	201.20	87.19
J-1403	0.00	992.38	770.00	222.38	96.37
J-1404	0.00	992.38	761.00	231.38	100.27
J-1405	0.00	992.05	785.00	207.05	89.72
J-1406	0.00	992.05	796.00	196.05	84.96
J-1407	0.00	992.78	783.00	209.78	90.90
J-1408	0.00	993.03	788.00	205.03	88.85
J-1409	0.00	992.88	785.00	207.88	90.08
J-141	0.00	922.58	786.00	136.58	59.18
J-1410	0.00	992.95	790.00	202.95	87.95
J-1411	0.00	990.17	766.00	224.17	97.14
J-1412	0.00	992.53	772.00	220.53	95.56
J-1413	0.00	992.28	770.00	222.28	96.32
J-1414	0.00	992.28	757.00	235.28	101.95
J-1415	0.00	994.40	798.00	196.40	85.11
J-1416	0.00	994.28	793.00	201.28	87.22
J-1417	0.00	1003.17	762.00	241.17	104.51
J-1418	0.00	1003.17	770.00	233.17	101.04
J-1419	0.00	1003.17	768.00	235.17	101.91
J-142	0.00	916.32	798.00	118.32	51.27
J-1420	0.00	1003.17	756.00	247.17	107.11
J-1421	0.00	1003.17	756.00	247.17	107.11
J-1422	0.00	1003.17	754.00	249.17	107.97
J-1423	0.00	1003.17	777.00	226.17	98.01
J-1424	0.00	1003.18	774.00	229.18	99.31
J-1425	0.00	1003.21	730.00	273.21	118.39
J-1426	0.00	1003.21	750.00	253.21	109.72
J-1427	0.00	1003.20	766.00	237.20	102.79
J-1428	0.00	1003.21	750.00	253.21	109.72

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J-1429	0.00	1003.21	699.00	304.21	131.82
J-143	0.00	927.67	782.00	145.67	63.12
J-1430	0.00	1003.21	668.00	335.21	145.26
J-1431	0.00	1003.21	684.00	319.21	138.32
J-1432	0.00	1003.21	645.00	358.21	155.22
J-1433	0.00	1003.21	650.00	353.21	153.06
J-1434	0.00	1003.21	726.00	277.21	120.13
J-1435	0.00	1003.21	724.00	279.21	120.99
J-1436	0.00	1003.21	732.00	271.21	117.53
J-1437	0.00	1003.21	719.00	284.21	123.16
J-1438	0.00	1003.21	722.00	281.21	121.86
J-1439	0.00	1003.21	726.00	277.21	120.13
J-144	0.00	913.47	749.00	164.47	71.27
J-1440	0.00	1003.21	730.00	273.21	118.39
J-1441	0.00	1003.21	718.00	285.21	123.59
J-1442	0.00	1003.21	740.00	263.21	114.06
J-1443	0.00	1003.21	732.00	271.21	117.53
J-1444	0.00	1003.21	719.00	284.21	123.16
J-1445	0.00	1003.21	730.00	273.21	118.39
J-1446	0.00	1003.21	715.00	288.21	124.89
J-1447	0.00	1003.21	710.00	293.21	127.06
J-1448	0.00	1003.21	718.00	285.21	123.59
J-1449	0.00	1003.21	728.00	275.21	119.26
J-145	0.00	927.52	768.00	159.52	69.12
J-1450	0.00	1003.21	726.00	277.21	120.13
J-1451	0.00	1003.21	713.00	290.21	125.76
J-1452	0.00	1003.21	721.00	282.21	122.29
J-1453	0.00	1003.21	689.00	314.21	136.16
J-1454	0.00	1003.21	686.00	317.21	137.46
J-1455	0.00	1003.21	695.00	308.21	133.56
J-1456	0.00	1003.21	676.00	327.21	141.79
J-1457	0.00	1003.21	748.00	255.21	110.59
J-1458	0.00	1003.21	700.00	303.21	131.39
J-1459	0.00	1003.21	744.00	259.21	112.33
J-146	0.00	927.58	803.00	124.58	53.99
J-1460	0.00	1003.21	742.00	261.21	113.19
J-1461	0.00	1003.22	723.00	280.22	121.43
J-1462	0.00	1003.22	684.00	319.22	138.33
J-1463	0.00	1003.22	670.00	333.22	144.39
J-1464	0.00	1003.22	684.00	319.22	138.33
J-1465	0.00	1003.22	729.00	274.22	118.83
J-1466	0.00	1003.22	694.00	309.22	133.99
J-1467	0.00	1003.22	748.00	255.22	110.60
J-1468	0.00	1004.11	664.00	340.11	147.38
J-1469	0.00	1004.11	663.00	341.11	147.82
J-147	0.00	927.46	771.00	156.46	67.80
J-1470	0.00	1004.11	663.00	341.11	147.82
J-1471	0.00	1004.32	698.00	306.32	132.74
J-1472	0.00	1004.32	678.00	326.32	141.41
J-1473	0.00	1004.08	716.00	288.08	124.84
J-1474	0.00	1003.84	748.00	255.84	110.87
J-1475	0.00	1004.08	756.00	248.08	107.50
J-1476	0.00	1003.21	768.00	235.21	101.93
J-1477	0.00	1003.21	745.00	258.21	111.89
J-1478	0.00	1003.21	744.00	259.21	112.33
J-1479	0.00	1003.86	745.00	258.86	112.17
J-148	0.00	927.57	774.00	153.57	66.55

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J-1480	0.00	1008.01	657.00	351.01	152.10
J-1481	0.00	1003.64	796.00	207.64	89.98
J-1482	0.00	1003.36	794.00	209.36	90.72
J-1483	0.00	1003.64	714.00	289.64	125.51
J-1484	0.00	1002.89	736.00	266.89	115.65
J-1485	0.00	1002.89	734.00	268.89	116.52
J-1486	0.00	1000.33	726.00	274.33	118.88
J-1487	0.00	1002.34	723.00	279.34	121.05
J-1488	0.00	1003.00	678.00	325.00	140.83
J-1489	0.00	1002.34	702.00	300.34	130.15
J-149	0.00	927.51	802.00	125.51	54.39
J-1490	0.00	1001.60	737.00	264.60	114.66
J-1491	0.00	1001.66	738.00	263.66	114.25
J-1492	0.00	1005.30	690.00	315.30	136.63
J-1493	0.00	1001.66	742.00	259.66	112.52
J-1494	0.00	1005.30	681.00	324.30	140.53
J-1495	0.00	1004.91	686.00	318.91	138.20
J-1496	0.00	1002.36	722.00	280.36	121.49
J-1497	0.00	1002.90	754.00	248.90	107.86
J-1498	0.00	1002.49	733.00	269.49	116.78
J-1499	0.00	1002.49	740.00	262.49	113.75
J-15	0.00	929.45	789.00	140.45	60.86
J-150	0.00	927.57	746.00	181.57	78.68
J-1500	0.00	992.95	777.00	215.95	93.58
J-1501	0.00	1002.72	747.00	255.72	110.81
J-1502	0.00	1002.63	803.00	199.63	86.51
J-1503	0.00	1002.19	730.00	272.19	117.95
J-1504	0.00	1002.19	788.00	214.19	92.82
J-1505	0.00	1002.19	800.00	202.19	87.62
J-1506	0.00	1002.19	756.00	246.19	106.68
J-1507	0.00	1002.19	746.00	256.19	111.02
J-1508	0.00	1002.19	750.00	252.19	109.28
J-1509	0.00	1002.19	764.00	238.19	103.22
J-151	0.00	927.10	820.00	107.10	46.41
J-1510	0.00	1002.19	740.00	262.19	113.62
J-1511	0.00	1002.19	758.00	244.19	105.82
J-1512	0.00	1002.19	742.00	260.19	112.75
J-1513	0.00	1002.19	735.00	267.19	115.78
J-1514	0.00	1002.19	748.00	254.19	110.15
J-1515	0.00	1002.19	792.00	210.19	91.08
J-1516	0.00	1002.19	780.00	222.19	96.28
J-1517	0.00	1002.19	785.00	217.19	94.12
J-1518	0.00	1002.19	784.00	218.19	94.55
J-1519	0.00	1001.98	775.00	226.98	98.36
J-152	0.00	927.32	802.00	125.32	54.30
J-1520	0.00	1001.98	783.00	218.98	94.89
J-1521	0.00	1001.79	793.00	208.79	90.47
J-1522	0.00	1001.79	793.00	208.79	90.47
J-1523	0.00	1001.79	791.00	210.79	91.34
J-1524	0.00	1001.79	792.00	209.79	90.91
J-1525	0.00	968.73	776.00	192.73	83.52
J-1526	0.00	999.82	753.00	246.82	106.95
J-1527	0.00	997.83	729.00	268.83	116.49
J-1528	0.00	997.84	743.00	254.84	110.43
J-1529	0.00	997.91	747.00	250.91	108.73
J-153	0.00	926.73	794.00	132.73	57.52
J-1530	0.00	998.07	759.00	239.07	103.60

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J-1531	0.00	998.45	768.00	230.45	99.86
J-1532	0.00	997.91	748.00	249.91	108.30
J-1533	0.00	997.92	764.00	233.92	101.37
J-1534	0.00	998.45	766.00	232.45	100.73
J-1535	0.00	998.84	786.00	212.84	92.23
J-1536	0.00	998.84	794.00	204.84	88.76
J-1537	0.00	997.80	744.00	253.80	109.98
J-1538	0.00	999.44	744.00	255.44	110.69
J-1539	0.00	997.78	746.00	251.78	109.10
J-154	0.00	927.22	828.00	99.22	43.00
J-1540	0.00	997.07	778.00	219.07	94.93
J-1541	0.00	997.06	778.00	219.06	94.93
J-1542	0.00	998.00	766.00	232.00	100.53
J-1543	0.00	998.88	749.00	249.88	108.28
J-1544	0.00	998.00	756.00	242.00	104.87
J-1545	0.00	1001.56	792.00	209.56	90.81
J-1546	0.00	998.88	754.00	244.88	106.11
J-1547	0.00	1002.00	780.00	222.00	96.20
J-1548	0.00	1002.00	782.00	220.00	95.33
J-1549	0.00	1002.34	776.00	226.34	98.08
J-155	0.00	928.36	818.00	110.36	47.82
J-1550	0.00	1002.35	788.00	214.35	92.88
J-1551	0.00	1003.17	766.00	237.17	102.77
J-1552	0.00	1003.17	760.00	243.17	105.37
J-1553	0.00	1003.17	757.00	246.17	106.67
J-1554	0.00	1003.17	760.00	243.17	105.37
J-1555	0.00	1003.17	756.00	247.17	107.11
J-1556	0.00	1003.17	756.00	247.17	107.11
J-1557	0.00	1003.20	769.00	234.20	101.48
J-1558	0.00	1003.17	752.00	251.17	108.84
J-1559	0.00	1003.20	740.00	263.20	114.05
J-156	0.00	929.06	778.00	151.06	65.46
J-1560	0.00	1003.08	777.00	226.08	97.97
J-1561	0.00	1003.14	770.00	233.14	101.03
J-1562	0.00	1003.14	770.00	233.14	101.03
J-1563	0.00	1003.14	754.00	249.14	107.96
J-1564	0.00	1003.14	764.00	239.14	103.63
J-1565	0.00	993.66	786.00	207.66	89.99
J-1566	0.00	993.65	806.00	187.65	81.31
J-1567	0.00	1002.72	763.00	239.72	103.88
J-1568	0.00	993.73	807.00	186.73	80.92
J-1569	0.00	993.73	772.00	221.73	96.08
J-157	0.00	929.53	805.00	124.53	53.96
J-1570	0.00	993.75	780.00	213.75	92.62
J-1571	0.00	993.75	778.00	215.75	93.49
J-1572	0.00	993.75	745.00	248.75	107.79
J-1573	0.00	993.75	804.00	189.75	82.22
J-1574	0.00	993.79	776.00	217.79	94.38
J-1575	0.00	993.73	724.00	269.73	116.88
J-1576	0.00	1002.58	735.00	267.58	115.95
J-1577	0.00	996.53	784.00	212.53	92.10
J-1578	0.00	981.01	785.00	196.01	84.94
J-1579	0.00	981.28	784.00	197.28	85.49
J-158	0.00	929.53	803.00	126.53	54.83
J-1580	0.00	981.29	760.00	221.29	95.89
J-1581	0.00	981.14	768.00	213.14	92.36
J-1582	0.00	981.16	764.00	217.16	94.10

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J-1583		0.00	981.53	758.00	223.53	96.86
J-1584		0.00	981.19	768.00	213.19	92.38
J-1585		0.00	981.01	808.00	173.01	74.97
J-1586		0.00	980.64	780.00	200.64	86.94
J-1587		0.00	978.49	776.00	202.49	87.74
J-1588		0.00	978.49	769.00	209.49	90.78
J-1589		0.00	978.49	763.00	215.49	93.38
J-159		0.00	929.81	768.00	161.81	70.12
J-1590		0.00	978.49	758.00	220.49	95.54
J-1591		0.00	978.49	754.00	224.49	97.28
J-1592		0.00	978.49	755.00	223.49	96.84
J-1593		0.00	978.49	751.00	227.49	98.58
J-1594		0.00	978.49	767.00	211.49	91.64
J-1595		0.00	978.49	756.00	222.49	96.41
J-1596		0.00	978.49	777.00	201.49	87.31
J-1597		0.00	979.38	810.00	169.38	73.40
J-1598		0.00	979.20	809.00	170.20	73.75
J-1599		0.00	978.81	764.00	214.81	93.09
J-16		0.00	928.52	784.00	144.52	62.63
J-160		0.00	928.78	756.00	172.78	74.87
J-1600		0.00	980.97	760.00	220.97	95.75
J-1601		0.00	951.03	758.00	193.03	83.65
J-1602	Peaksmill MM	450.00	941.87	725.00	216.87	93.98
J-1603		0.00	953.82	770.00	183.82	79.66
J-1604		0.00	953.82	772.00	181.82	78.79
J-1605		0.00	954.39	801.00	153.39	66.47
J-1606		0.00	956.97	798.00	158.97	68.89
J-1607		0.00	953.17	756.00	197.17	85.44
J-1608		0.00	961.69	784.00	177.69	77.00
J-1609		0.00	961.69	772.00	189.69	82.20
J-161		0.00	929.45	790.00	139.45	60.43
J-1610		0.00	961.69	754.00	207.69	90.00
J-1611		0.00	964.58	761.00	203.58	88.22
J-1612		0.00	964.58	756.00	208.58	90.39
J-1613		0.00	964.58	768.00	196.58	85.19
J-1614		0.00	964.58	759.00	205.58	89.09
J-1615		0.00	972.43	770.00	202.43	87.72
J-1616		0.00	972.43	744.00	228.43	98.99
J-1617		0.00	972.43	720.00	252.43	109.39
J-1618		0.00	972.43	737.00	235.43	102.02
J-1619		0.00	981.33	732.00	249.33	108.04
J-162		0.00	928.67	782.00	146.67	63.56
J-1620		0.00	981.33	733.00	248.33	107.61
J-1621		0.00	981.33	734.00	247.33	107.18
J-1622		0.00	981.33	738.00	243.33	105.44
J-1623		0.00	981.33	746.00	235.33	101.98
J-1624		0.00	981.58	731.00	250.58	108.58
J-1625		0.00	981.33	734.00	247.33	107.18
J-1626		0.00	981.77	720.00	261.77	113.43
J-1627		0.00	981.58	705.00	276.58	119.85
J-1628		0.00	981.28	730.00	251.28	108.89
J-1629		0.00	981.52	737.00	244.52	105.96
J-163		0.00	928.71	798.00	130.71	56.64
J-1630		0.00	981.52	732.00	249.52	108.13
J-1631		0.00	981.54	754.00	227.54	98.60
J-1632		0.00	982.06	730.00	252.06	109.23
J-1633		0.00	982.06	732.00	250.06	108.36

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J-1634	0.00	982.06	771.00	211.06	91.46
J-1635	0.00	982.21	707.00	275.21	119.26
J-1636	0.00	982.17	730.00	252.17	109.27
J-1637	0.00	982.17	736.00	246.17	106.67
J-1638	0.00	982.07	730.00	252.07	109.23
J-1639	0.00	982.07	740.00	242.07	104.90
J-164	0.00	928.59	770.00	158.59	68.72
J-1640	0.00	981.54	747.00	234.54	101.63
J-1641	0.00	983.03	755.00	228.03	98.81
J-1642	0.00	981.54	747.00	234.54	101.63
J-1643	0.00	980.18	783.00	197.18	85.44
J-1644	0.00	982.53	733.00	249.53	108.13
J-1645	0.00	982.06	740.00	242.06	104.89
J-1646	0.00	979.71	804.00	175.71	76.14
J-1647	0.00	979.52	794.00	185.52	80.39
J-1648	0.00	979.20	809.00	170.20	73.75
J-1649	0.00	979.49	781.00	198.49	86.01
J-165	0.00	928.36	775.00	153.36	66.46
J-1650	0.00	979.49	766.00	213.49	92.51
J-1651	0.00	977.59	767.00	210.59	91.25
J-1652	0.00	978.40	778.00	200.40	86.84
J-1653	0.00	981.01	774.00	207.01	89.70
J-1654	0.00	981.01	787.00	194.01	84.07
J-1655	0.00	981.65	764.00	217.65	94.31
J-1656	0.00	981.01	778.00	203.01	87.97
J-1657	0.00	981.70	790.00	191.70	83.07
J-1658	0.00	982.19	756.00	226.19	98.02
J-1659	0.00	981.68	798.00	183.68	79.60
J-166	0.00	928.01	794.00	134.01	58.07
J-1660	0.00	982.03	752.00	230.03	99.68
J-1661	0.00	981.66	780.00	201.66	87.39
J-1662	0.00	982.33	758.00	224.33	97.21
J-1663	0.00	982.70	741.00	241.70	104.74
J-1664	0.00	982.59	737.00	245.59	106.42
J-1665	0.00	982.60	780.00	202.60	87.79
J-1666	0.00	982.60	768.00	214.60	92.99
J-1667	0.00	982.69	734.00	248.69	107.77
J-1668	0.00	982.69	733.00	249.69	108.20
J-1669	0.00	982.65	760.00	222.65	96.48
J-167	0.00	928.39	801.00	127.39	55.20
J-1670	0.00	982.57	757.00	225.57	97.75
J-1671	0.00	982.64	738.00	244.64	106.01
J-1672	0.00	982.64	743.00	239.64	103.85
J-1673	0.00	982.33	760.00	222.33	96.34
J-1674	0.00	982.53	747.00	235.53	102.06
J-1675	0.00	982.13	754.00	228.13	98.86
J-1676	0.00	982.82	741.00	241.82	104.79
J-1677	0.00	982.41	727.00	255.41	110.68
J-1678	0.00	982.59	734.00	248.59	107.72
J-1679	0.00	982.68	742.00	240.68	104.29
J-168	0.00	929.85	768.00	161.85	70.13
J-1680	0.00	982.89	746.00	236.89	102.65
J-1681	0.00	982.65	739.00	243.65	105.58
J-1682	0.00	982.77	746.00	236.77	102.60
J-1683	0.00	983.04	752.00	231.04	100.12
J-1684	0.00	982.99	745.00	237.99	103.13
J-1685	0.00	983.00	729.00	254.00	110.07

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J-1686	0.00	982.98	770.00	212.98	92.29
J-1687	0.00	983.00	752.00	231.00	100.10
J-1688	0.00	982.99	748.00	234.99	101.83
J-1689	0.00	982.99	746.00	236.99	102.70
J-169	0.00	928.39	792.00	136.39	59.10
J-1690	0.00	982.99	751.00	231.99	100.53
J-1691	0.00	982.69	745.00	237.69	103.00
J-1692	0.00	982.97	792.00	190.97	82.75
J-1693	0.00	982.90	733.00	249.90	108.29
J-1694	0.00	982.90	750.00	232.90	100.92
J-1695	0.00	982.97	744.00	238.97	103.55
J-1696	0.00	982.91	745.00	237.91	103.09
J-1697	0.00	982.94	760.00	222.94	96.61
J-1698	0.00	982.95	762.00	220.95	95.75
J-1699	0.00	982.95	741.00	241.95	104.84
J-17	0.00	928.89	765.00	163.89	71.02
J-170	0.00	929.85	758.00	171.85	74.47
J-1700	0.00	983.02	762.00	221.02	95.78
J-1701	0.00	983.18	716.00	267.18	115.78
J-1702	0.00	983.08	736.00	247.08	107.07
J-1703	0.00	983.61	712.00	271.61	117.70
J-1704	0.00	983.61	716.00	267.61	115.96
J-1705	0.00	983.71	728.00	255.71	110.81
J-1706	0.00	983.71	723.00	260.71	112.98
J-1707	0.00	983.72	744.00	239.72	103.88
J-1708	0.00	983.72	738.00	245.72	106.48
J-1709	0.00	983.72	742.00	241.72	104.74
J-171	0.00	925.92	806.00	119.92	51.97
J-1710	0.00	983.72	750.00	233.72	101.28
J-1711	0.00	983.72	736.00	247.72	107.35
J-1712	0.00	983.69	724.00	259.69	112.53
J-1713	0.00	983.79	760.00	223.79	96.98
J-1714	0.00	983.86	768.00	215.86	93.54
J-1715	0.00	982.97	742.00	240.97	104.42
J-1716	0.00	982.97	774.00	208.97	90.55
J-1717	0.00	982.97	766.00	216.97	94.02
J-1718	0.00	982.97	792.00	190.97	82.75
J-1719	0.00	982.03	780.00	202.03	87.55
J-172	0.00	802.49	584.00	218.49	94.68
J-1720	0.00	982.97	784.00	198.97	86.22
J-1721	0.00	981.01	769.00	212.01	91.87
J-1722	0.00	982.97	745.00	237.97	103.12
J-1723	0.00	981.01	803.00	178.01	77.14
J-1724	0.00	981.01	760.00	221.01	95.77
J-1725	0.00	981.01	799.00	182.01	78.87
J-1726	0.00	982.99	580.00	402.99	174.63
J-1727	0.00	983.00	776.00	207.00	89.70
J-1728	0.00	982.99	637.00	345.99	149.93
J-1729	0.00	982.99	610.00	372.99	161.63
J-173	0.00	929.66	784.00	145.66	63.12
J-1730	0.00	982.99	610.00	372.99	161.63
J-1731	0.00	982.19	798.00	184.19	79.82
J-1732	0.00	982.99	637.00	345.99	149.93
J-1733	0.00	982.99	618.00	364.99	158.16
J-1734	0.00	982.99	640.00	342.99	148.63
J-1735	0.00	982.99	645.00	337.99	146.46
J-1736	0.00	982.99	645.00	337.99	146.46

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J-1737		0.00	982.99	650.00	332.99	144.30
J-1738		0.00	982.99	650.00	332.99	144.30
J-1739		0.00	982.99	645.00	337.99	146.46
J-174		0.00	929.39	776.00	153.39	66.47
J-1740		0.00	982.99	662.00	320.99	139.10
J-1741		0.00	982.99	632.00	350.99	152.10
J-1742		0.00	982.99	707.00	275.99	119.60
J-1743		0.00	982.99	642.00	340.99	147.76
J-1744		0.00	797.24	512.00	285.24	123.60
J-1745		0.00	942.51	770.00	172.51	74.76
J-1746		0.00	942.51	744.00	198.51	86.02
J-1747		0.00	995.20	761.00	234.20	101.48
J-1748		0.00	965.62	833.00	132.62	57.47
J-1749		0.00	965.65	838.00	127.65	55.31
J-175		0.00	929.66	780.00	149.66	64.85
J-1750		0.00	942.51	742.00	200.51	86.89
J-1751		0.00	801.63	508.00	293.63	127.24
J-1752		0.00	967.77	814.00	153.77	66.64
J-1753		0.00	943.30	825.00	118.30	51.26
J-1754		0.00	943.30	774.00	169.30	73.36
J-1755		0.00	943.30	800.00	143.30	62.10
J-1756		0.00	940.73	780.00	160.73	69.65
J-1757		0.00	940.93	820.00	120.93	52.40
J-1758		0.00	968.72	794.00	174.72	75.71
J-1759		0.00	940.73	818.00	122.73	53.18
J-176		0.00	929.39	778.00	151.39	65.60
J-1760		0.00	968.73	806.00	162.73	70.52
J-1761		0.00	968.74	826.00	142.74	61.85
J-1762		0.00	968.71	784.00	184.71	80.04
J-1763		0.00	968.74	834.00	134.74	58.39
J-1764		0.00	951.62	754.00	197.62	85.63
J-1765		0.00	799.01	526.00	273.01	118.31
J-1766		0.00	798.39	785.00	13.39	5.80
J-1767	Farmdale MM2	379.00	916.32	799.00	117.32	50.84
J-1769		0.00	949.62	714.00	235.62	102.10
J-177		0.00	929.42	788.00	141.42	61.28
J-1770		0.00	949.39	752.00	197.39	85.53
J-1771		0.00	947.98	749.00	198.98	86.23
J-1772		0.00	929.83	776.00	153.83	66.66
J-1773		0.00	950.34	758.00	192.34	83.35
J-1774		0.00	792.09	508.00	284.09	123.10
J-1775		0.00	792.09	506.00	286.09	123.97
J-1776		0.00	1003.00	766.00	237.00	102.70
J-1777		0.00	1003.00	760.00	243.00	105.30
J-1778		0.00	947.48	775.00	172.48	74.74
J-1779		0.00	968.79	824.00	144.79	62.74
J-178		0.00	929.42	790.00	139.42	60.42
J-1780		0.00	943.33	810.00	133.33	57.77
J-1781		0.00	943.67	840.00	103.67	44.92
J-1782		0.00	940.67	840.00	100.67	43.62
J-1783		0.00	934.45	739.00	195.45	84.69
J-1784		0.00	960.08	860.00	100.08	43.37
J-1785		0.00	969.28	769.00	200.28	86.79
J-1786		0.00	947.74	775.00	172.74	74.86
J-1787		0.00	965.70	835.00	130.70	56.64
J-1788		0.00	967.67	870.00	97.67	42.32
J-1789		0.00	983.13	510.00	473.13	205.02

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J-179	0.00	929.22	780.00	149.22	64.66
J-1790	0.00	966.31	765.00	201.31	87.23
J-1791	0.00	798.92	507.00	291.92	126.50
J-1792	0.00	943.33	837.00	106.33	46.07
J-1793	0.00	943.33	851.00	92.33	40.01
J-1794	0.00	929.83	796.00	133.83	57.99
J-1795	0.00	802.49	544.00	258.49	112.01
J-1796	0.00	802.48	544.00	258.48	112.01
J-1797	0.00	802.49	544.00	258.49	112.01
J-1798	0.00	929.83	794.00	135.83	58.86
J-1799	0.00	931.07	675.00	256.07	110.96
J-18	0.00	929.36	780.00	149.36	64.72
J-180	0.00	929.22	785.00	144.22	62.49
J-1800	0.00	931.07	698.00	233.07	101.00
J-1801	0.00	931.07	680.00	251.07	108.80
J-1802	0.00	948.92	743.00	205.92	89.23
J-1803	0.00	967.04	772.00	195.04	84.52
J-1804	0.00	948.91	744.00	204.91	88.79
J-1805	0.00	949.00	744.00	205.00	88.83
J-1806	0.00	948.92	742.00	206.92	89.67
J-1807	0.00	948.93	744.00	204.93	88.81
J-1808	0.00	804.49	535.00	269.49	116.78
J-1809	0.00	998.45	535.00	463.45	200.83
J-181	0.00	929.18	784.00	145.18	62.91
J-1810	0.00	998.47	535.00	463.47	200.84
J-1811	0.00	998.47	535.00	463.47	200.84
J-1812	0.00	804.50	535.00	269.50	116.79
J-1813	0.00	804.50	535.00	269.50	116.78
J-1814	0.00	952.30	738.00	214.30	92.87
J-1815	0.00	998.47	535.00	463.47	200.84
J-1816	0.00	952.39	738.00	214.39	92.90
J-1817	0.00	801.95	738.00	63.95	27.71
J-1818	0.00	801.95	738.00	63.95	27.71
J-1819	0.00	804.71	617.00	187.71	81.34
J-182	0.00	927.59	784.00	143.59	62.22
J-1820	0.00	926.04	807.00	119.04	51.58
J-1821	0.00	804.72	617.00	187.72	81.34
J-1822	0.00	804.72	617.00	187.72	81.34
J-1823	0.00	804.71	617.00	187.71	81.34
J-1824	0.00	926.03	810.00	116.03	50.28
J-1825	0.00	984.62	778.00	206.62	89.53
J-1826	0.00	983.72	679.00	304.72	132.04
J-1827	0.00	983.72	680.00	303.72	131.61
J-1828	0.00	984.14	752.00	232.14	100.59
J-1829	0.00	969.28	774.00	195.28	84.62
J-183	0.00	1007.95	658.00	349.95	151.64
J-1830	0.00	802.49	640.00	162.49	70.41
J-1831	0.00	802.39	554.00	248.39	107.63
J-1832	0.00	802.39	615.00	187.39	81.20
J-1833	0.00	997.70	528.00	469.70	203.54
J-1834	0.00	997.70	510.00	487.70	211.34
J-1835	0.00	802.90	465.00	337.90	146.42
J-1836	0.00	965.70	840.00	125.70	54.47
J-1837	0.00	798.92	507.00	291.92	126.50
J-1838	0.00	965.70	815.00	150.70	65.30
J-1839	0.00	967.04	788.00	179.04	77.58
J-184	0.00	927.59	801.00	126.59	54.85

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J-1841		0.00	967.04	804.00	163.04	70.65
J-1842		0.00	967.04	798.00	169.04	73.25
J-1843		0.00	967.04	770.00	197.04	85.38
J-1845		0.00	967.04	780.00	187.04	81.05
J-1846		0.00	967.04	762.00	205.04	88.85
J-1847		0.00	967.04	800.00	167.04	72.38
J-1848		0.00	967.04	782.00	185.04	80.18
J-1849		0.00	967.04	790.00	177.04	76.72
J-185		0.00	942.51	770.00	172.51	74.76
J-1850		0.00	967.04	764.00	203.04	87.98
J-1851		0.00	967.04	788.00	179.04	77.58
J-1852		0.00	965.58	842.00	123.58	53.55
J-1853		0.00	967.27	792.00	175.27	75.95
J-1854		0.00	966.97	797.00	169.97	73.66
J-1855		0.00	965.63	830.00	135.63	58.77
J-1856		0.00	965.64	833.00	132.64	57.48
J-1857		0.00	980.70	710.00	270.70	117.30
J-1858		0.00	966.20	798.00	168.20	72.89
J-1859		0.00	992.55	776.00	216.55	93.84
J-186		0.00	927.59	790.00	137.59	59.62
J-1860		0.00	980.47	825.00	155.47	67.37
J-1861		0.00	980.70	737.00	243.70	105.60
J-1862		0.00	986.15	818.00	168.15	72.86
J-1863		0.00	980.47	810.00	170.47	73.87
J-1864		0.00	986.23	801.00	185.23	80.26
J-1865		0.00	980.47	800.00	180.47	78.20
J-1866		0.00	789.53			
J-1867		0.00	980.47	795.00	185.47	80.37
J-1868		0.00	789.60	546.00	243.60	105.56
J-1869		0.00	789.69	540.00	249.69	108.20
J-187		0.00	940.93	795.00	145.93	63.24
J-1870		0.00	789.60	550.00	239.60	103.83
J-1871		0.00	789.60	556.00	233.60	101.23
J-1872		0.00	927.57	744.00	183.57	79.55
J-1873		0.00	929.39	817.00	112.39	48.70
J-1874		0.00	929.43	791.00	138.43	59.98
J-1875		0.00	927.57	744.00	183.57	79.55
J-1876		0.00	927.57	738.00	189.57	82.15
J-1877		0.00	927.57	734.00	193.57	83.88
J-1878		0.00	927.57	734.00	193.57	83.88
J-1879		0.00	937.86	754.00	183.86	79.67
J-188		0.00	942.51	770.00	172.51	74.76
J-1880		0.00	927.88	780.00	147.88	64.08
J-1881		0.00	927.88	762.00	165.88	71.88
J-1883	N Shelby MM	400.00	777.71	586.00	191.71	83.08
J-1884		0.00	931.61	750.00	181.61	78.70
J-1885		0.00	931.61	725.00	206.61	89.53
J-1886		0.00	931.61	730.00	201.61	87.37
J-1887		0.00	931.61	720.00	211.61	91.70
J-1888		0.00	967.04	764.00	203.04	87.98
J-1889		0.00	967.04	794.00	173.04	74.98
J-189		0.00	945.76	790.00	155.76	67.50
J-1891		0.00	942.57	792.00	150.57	65.25
J-1893		0.00	942.56	768.00	174.56	75.64
J-1894		0.00	942.41	740.00	202.41	87.71
J-1895		0.00	942.53	765.00	177.53	76.93
J-1896		0.00	942.56	788.00	154.56	66.98

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J-1897		0.00	942.56	792.00	150.56	65.24
J-1898		0.00	942.56	788.00	154.56	66.97
J-1899		0.00	942.56	786.00	156.56	67.84
J-19		0.00	929.53	802.00	127.53	55.26
J-190	Farmdale MM4	3.00	942.53	776.00	166.53	72.16
J-1900		0.00	942.55	775.00	167.55	72.60
J-1901		0.00	942.56	776.00	166.56	72.17
J-1902		0.00	942.56	772.00	170.56	73.91
J-1903		0.00	942.56	794.00	148.56	64.38
J-1904		0.00	942.55	780.00	162.55	70.44
J-1905		0.00	802.26	502.00	300.26	130.11
J-1906		0.00	802.26	530.00	272.26	117.98
J-1907		0.00	804.65	609.00	195.65	84.78
J-1908		0.00	804.65	626.00	178.65	77.42
J-1909		0.00	966.97	794.00	172.97	74.96
J-191		0.00	945.76	781.00	164.76	71.40
J-1910		0.00	797.51	507.00	290.51	125.89
J-1911		0.00	966.97	794.00	172.97	74.96
J-1912		0.00	801.21	502.00	299.21	129.66
J-1913		0.00	801.21	504.00	297.21	128.79
J-1914		0.00	983.72	698.00	285.72	123.81
J-1915		0.00	969.44	769.00	200.44	86.86
J-1916		0.00	967.77	798.00	169.77	73.57
J-1917		0.00	967.77	799.00	168.77	73.13
J-1918		0.00	997.47	792.00	205.47	89.04
J-1919		0.00	967.40	746.00	221.40	95.94
J-192		0.00	942.53	804.00	138.53	60.03
J-1920		0.00	997.47	792.00	205.47	89.04
J-1921		0.00	967.59	779.00	188.59	81.72
J-1922		0.00	967.39	748.00	219.39	95.07
J-1923		0.00	967.27	784.00	183.27	79.42
J-1924		0.00	967.16	816.00	151.16	65.50
J-1925		0.00	967.27	761.00	206.27	89.39
J-1926		0.00	999.85	720.00	279.85	121.27
J-1927		0.00	967.27	768.00	199.27	86.35
J-1928		0.00	966.94	724.00	242.94	105.27
J-1929		0.00	967.16	817.00	150.16	65.07
J-193		0.00	942.53	794.00	148.53	64.36
J-1930		0.00	966.97	748.00	218.97	94.89
J-1931		0.00	966.97	761.00	205.97	89.26
J-1932		0.00	967.04	785.00	182.04	78.88
J-1933		0.00	967.04	785.00	182.04	78.88
J-1934		0.00	799.11	501.00	298.11	129.18
J-1935		0.00	967.04	774.00	193.04	83.65
J-1936		0.00	799.11	496.00	303.11	131.35
J-1937		0.00	1003.84	747.00	256.84	111.30
J-1938		0.00	949.73	801.00	148.73	64.45
J-1939		0.00	967.77	810.00	157.77	68.37
J-194		0.00	942.52	770.00	172.52	74.76
J-1940		0.00	1003.70	795.00	208.70	90.44
J-1941		0.00	898.54	736.00	162.54	70.43
J-1942		0.00	891.82	708.00	183.82	79.65
J-1943		0.00	890.65	722.00	168.65	73.08
J-1944		0.00	948.99	773.00	175.99	76.26
J-1945		0.00	949.34	772.00	177.34	76.85
J-1946		0.00	882.55	738.00	144.55	62.64
J-1947		0.00	949.49	788.00	161.49	69.98

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J-1948	0.00	888.18	722.00	166.18	72.01
J-1949	0.00	801.63	501.00	300.63	130.27
J-195	0.00	942.53	795.00	147.53	63.93
J-1950	0.00	888.18	718.00	170.18	73.74
J-1951	0.00	968.50	820.00	148.50	64.35
J-1952	0.00	942.51	773.00	169.51	73.46
J-1953	0.00	968.50	755.00	213.50	92.52
J-1954	0.00	942.51	773.00	169.51	73.46
J-1955	0.00	968.50	560.00	408.50	177.02
J-1956	0.00	927.78			
J-1957	0.00	927.78			
J-1958	0.00	927.81			
J-1959	0.00	927.85			
J-196	0.00	942.51	790.00	152.51	66.09
J-1960	0.00	933.36			
J-1961	0.00	927.57	744.00	183.57	79.55
J-1962	0.00	928.30	798.00	130.30	56.46
J-1963	0.00	928.30	798.00	130.30	56.46
J-1964	0.00	931.22	742.00	189.22	82.00
J-1965	0.00	931.22	740.00	191.22	82.86
J-1966	0.00	790.68	540.00	250.68	108.63
J-1967	0.00	935.02	736.00	199.02	86.24
J-1968	0.00	947.08			
J-1969	0.00	935.15	728.00	207.15	89.77
J-197	0.00	942.51	780.00	162.51	70.42
J-1970	0.00	803.92	515.00	288.92	125.20
J-1971	0.00	803.92	515.00	288.92	125.20
J-1972	0.00	800.03	502.00	298.03	129.14
J-1973	0.00	800.43	531.00	269.43	116.75
J-1974	0.00	800.58	516.00	284.58	123.32
J-1975	0.00	800.81	508.00	292.81	126.89
J-1976	0.00	800.81	508.00	292.81	126.88
J-1977	0.00	1003.20	715.00	288.20	124.89
J-1978	0.00	799.03	506.00	293.03	126.98
J-1979	0.00	804.65	699.00	105.65	45.78
J-198	0.00	942.62	810.00	132.62	57.47
J-1980	0.00	1003.12	740.00	263.12	114.02
J-1981	0.00	1003.12	766.00	237.12	102.75
J-1982	0.00	1003.14	754.00	249.14	107.96
J-1983	0.00	1003.84	782.00	221.84	96.13
J-1984	0.00	1003.08	752.00	251.08	108.80
J-1985	0.00	1007.95	676.00	331.95	143.84
J-1986	0.00	1007.95	696.00	311.95	135.18
J-1987	0.00	968.50	815.00	153.50	66.52
J-1988	0.00	982.99	640.00	342.99	148.63
J-1989	0.00	982.13	754.00	228.13	98.86
J-199	0.00	943.30	820.00	123.30	53.43
J-1990	0.00	986.83	749.00	237.83	103.06
J-1991	0.00	986.53	734.00	252.53	109.43
J-1992	0.00	1002.58	735.00	267.58	115.95
J-1993	0.00	991.30	818.00	173.30	75.10
J-1994	0.00	982.99	640.00	342.99	148.63
J-1995	0.00	983.00	760.00	223.00	96.63
J-1996	0.00	983.68	748.00	235.68	102.13
J-1997	0.00	983.68	755.00	228.68	99.10
J-1998	0.00	983.68	757.00	226.68	98.23
J-1999	0.00	983.68	757.00	226.68	98.23

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J-2	US 60 MM2	150.00	933.53	885.00	48.53	21.03
J-20		0.00	930.79	746.00	184.79	80.08
J-200		0.00	945.59	825.00	120.59	52.25
J-2000		0.00	982.21	743.00	239.21	103.66
J-2001		0.00	982.41	778.00	204.41	88.58
J-2002		0.00	982.21	755.00	227.21	98.46
J-2003		0.00	968.50	744.00	224.50	97.28
J-201		0.00	945.76	787.00	158.76	68.79
J-202		0.00	945.60	816.00	129.60	56.16
J-203		0.00	945.67	806.00	139.67	60.53
J-204		0.00	945.76	800.00	145.76	63.16
J-205		0.00	945.76	758.00	187.76	81.36
J-206		0.00	946.24	790.00	156.24	67.70
J-207		0.00	946.24	776.00	170.24	73.77
J-208		0.00	947.08	840.00	107.08	46.40
J-209		0.00	947.08	808.00	139.08	60.27
J-21		0.00	929.83	768.00	161.83	70.13
J-210		0.00	947.02	844.00	103.02	44.64
J-211		0.00	947.11	842.00	105.11	45.55
J-212		0.00	946.85	834.00	112.85	48.90
J-213		0.00	947.02	784.00	163.02	70.64
J-214		0.00	946.85	844.00	102.85	44.57
J-215		0.00	940.93	774.00	166.93	72.34
J-216		0.00	940.93	786.00	154.93	67.14
J-217		0.00	940.93	790.00	150.93	65.40
J-218		0.00	940.93	780.00	160.93	69.74
J-219		0.00	940.93	800.00	140.93	61.07
J-22		0.00	931.19	744.00	187.19	81.12
J-220		0.00	940.93	793.00	147.93	64.10
J-221		0.00	940.93	766.00	174.93	75.80
J-222		0.00	940.93	800.00	140.93	61.07
J-223		0.00	940.93	762.00	178.93	77.54
J-224		0.00	940.93	760.00	180.93	78.40
J-225		0.00	945.76	800.00	145.76	63.16
J-226		0.00	940.93	760.00	180.93	78.40
J-227		0.00	945.76	770.00	175.76	76.16
J-228		0.00	945.76	814.00	131.76	57.10
J-229		0.00	945.76	808.00	137.76	59.69
J-23		0.00	929.83	790.00	139.83	60.59
J-230		0.00	945.76	798.00	147.76	64.03
J-231		0.00	945.76	811.00	134.76	58.40
J-232		0.00	945.76	760.00	185.76	80.50
J-233		0.00	945.76	805.00	140.76	61.00
J-234		0.00	945.76	802.00	143.76	62.30
J-235		0.00	945.76	784.00	161.76	70.10
J-236		0.00	945.76	798.00	147.76	64.03
J-237		0.00	945.76	778.00	167.76	72.69
J-238		0.00	945.76	763.00	182.76	79.19
J-239		0.00	943.32	795.00	148.32	64.27
J-24		0.00	931.23	740.00	191.23	82.87
J-240		0.00	945.76	790.00	155.76	67.50
J-241		0.00	935.71	718.00	217.71	94.34
J-242		0.00	935.89	746.00	189.89	82.28
J-243		0.00	936.22	759.00	177.22	76.79
J-244		0.00	935.71	702.00	233.71	101.27
J-245		0.00	935.44	751.00	184.44	79.92
J-246		0.00	938.33	745.00	193.33	83.78

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J-247	0.00	934.48	734.00	200.48	86.88
J-248	0.00	938.33	737.00	201.33	87.24
J-249	0.00	939.04	740.00	199.04	86.25
J-25	0.00	926.93	791.00	135.93	58.91
J-250	0.00	939.04	740.00	199.04	86.25
J-251	0.00	940.08	774.00	166.08	71.97
J-252	0.00	935.67	751.00	184.67	80.03
J-253	0.00	935.71	719.00	216.71	93.91
J-254	0.00	935.54	724.00	211.54	91.67
J-255	0.00	935.04	731.00	204.04	88.42
J-256	0.00	935.06	732.00	203.06	87.99
J-257	0.00	935.02	736.00	199.02	86.24
J-258	0.00	934.98	728.00	206.98	89.69
J-259	0.00	933.13	728.00	205.13	88.89
J-26	0.00	930.80	744.00	186.80	80.95
J-260	0.00	934.87	745.00	189.87	82.28
J-261	0.00	933.13	731.00	202.13	87.59
J-262	0.00	933.13	724.00	209.13	90.62
J-263	0.00	933.13	732.00	201.13	87.15
J-264	0.00	942.63	758.00	184.63	80.01
J-265	0.00	943.98	721.00	222.98	96.62
J-266	0.00	944.05	723.00	221.05	95.79
J-267	0.00	944.22	724.00	220.22	95.43
J-268	0.00	943.81	727.00	216.81	93.95
J-269	0.00	946.52	738.00	208.52	90.36
J-27	0.00	930.80	742.00	188.80	81.82
J-270	0.00	931.64	744.00	187.64	81.31
J-271	0.00	931.64	736.00	195.64	84.78
J-272	0.00	931.64	736.00	195.64	84.78
J-273	0.00	931.64	788.00	143.64	62.24
J-274	0.00	935.18	754.00	181.18	78.51
J-275	0.00	931.64	752.00	179.64	77.84
J-276	0.00	935.18	740.00	195.18	84.58
J-277	0.00	941.15	756.00	185.15	80.23
J-278	0.00	941.15	757.00	184.15	79.80
J-279	0.00	938.98	765.00	173.98	75.39
J-28	0.00	931.64	732.00	199.64	86.51
J-280	0.00	939.09	768.00	171.09	74.14
J-281	0.00	938.98	754.00	184.98	80.16
J-282	0.00	939.09	766.00	173.09	75.01
J-283	0.00	928.60	752.00	176.60	76.53
J-284	0.00	928.60	742.00	186.60	80.86
J-285	0.00	928.60	772.00	156.60	67.86
J-286	0.00	928.60	746.00	182.60	79.13
J-287	0.00	931.22	786.00	145.22	62.93
J-288	0.00	931.22	758.00	173.22	75.06
J-289	0.00	930.52	748.00	182.52	79.09
J-29	0.00	928.12	798.00	130.12	56.39
J-290	0.00	929.72	756.00	173.72	75.28
J-291	0.00	929.74	768.00	161.74	70.09
J-292	0.00	928.61	755.00	173.61	75.23
J-293	0.00	946.52	738.00	208.52	90.36
J-294	0.00	948.33	754.00	194.33	84.21
J-295	0.00	938.83	755.00	183.83	79.66
J-296	0.00	948.33	795.00	153.33	66.44
J-297	0.00	947.74	759.00	188.74	81.79
J-298	0.00	947.74	775.00	172.74	74.85

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J-299	0.00	929.31	740.00	189.31	82.03
J-3	0.00	802.71	786.00	16.71	7.24
J-30	0.00	931.48	734.00	197.48	85.57
J-300	0.00	929.18	746.00	183.18	79.38
J-301	0.00	929.74	768.00	161.74	70.09
J-302	0.00	929.71	772.00	157.71	68.34
J-303	0.00	929.73	770.00	159.73	69.22
J-304	0.00	929.72	772.00	157.72	68.35
J-305	0.00	929.04	786.00	143.04	61.98
J-306	0.00	928.85	784.00	144.85	62.77
J-307	0.00	928.85	767.00	161.85	70.13
J-308	0.00	929.04	774.00	155.04	67.18
J-309	0.00	928.96	763.00	165.96	71.92
J-31	0.00	928.62	769.00	159.62	69.17
J-310	0.00	928.96	774.00	154.96	67.15
J-311	0.00	928.80	766.00	162.80	70.55
J-312	0.00	928.66	780.00	148.66	64.42
J-313	0.00	928.70	764.00	164.70	71.37
J-314	0.00	928.64	766.00	162.64	70.48
J-315	0.00	928.66	774.00	154.66	67.02
J-316	0.00	928.63	772.00	156.63	67.87
J-317	0.00	928.53	791.00	137.53	59.60
J-318	0.00	928.49	786.00	142.49	61.75
J-319	0.00	928.40	798.00	130.40	56.51
J-32	0.00	935.95	754.00	181.95	78.84
J-320	0.00	928.26	798.00	130.26	56.45
J-321	0.00	928.43	791.00	137.43	59.55
J-322	0.00	929.18	785.00	144.18	62.48
J-323	0.00	928.47	783.00	145.47	63.04
J-324	0.00	928.48	794.00	134.48	58.27
J-325	0.00	928.45	792.00	136.45	59.13
J-326	0.00	928.41	833.00	95.41	41.35
J-327	0.00	928.26	811.00	117.26	50.81
J-328	0.00	928.39	790.00	138.39	59.97
J-329	0.00	927.55	796.00	131.55	57.00
J-33	0.00	948.91	738.00	210.91	91.39
J-330	0.00	928.39	794.00	134.39	58.24
J-331	0.00	928.39	782.00	146.39	63.43
J-332	0.00	929.13	752.00	177.13	76.75
J-333	0.00	929.14	752.00	177.14	76.76
J-334	0.00	929.13	762.00	167.13	72.42
J-335	0.00	927.85	745.00	182.85	79.24
J-336	0.00	927.85	750.00	177.85	77.07
J-337	0.00	930.39	744.00	186.39	80.77
J-338	0.00	927.85	750.00	177.85	77.07
J-339	0.00	930.39	750.00	180.39	78.17
J-34	0.00	952.28	736.00	216.28	93.72
J-340	0.00	930.39	752.00	178.39	77.30
J-341	0.00	927.85	766.00	161.85	70.14
J-342	0.00	927.85	764.00	163.85	71.00
J-343	0.00	927.85	783.00	144.85	62.77
J-344	0.00	927.85	798.00	129.85	56.27
J-345	0.00	930.53	746.00	184.53	79.96
J-346	0.00	927.40	796.00	131.40	56.94
J-347	0.00	930.28	762.00	168.28	72.92
J-348	0.00	927.38	805.00	122.38	53.03
J-349	0.00	927.38	800.00	127.38	55.20

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J-35		0.00	947.84	784.00	163.84	71.00
J-350		0.00	927.38	822.00	105.38	45.66
J-351		0.00	927.43	797.00	130.43	56.52
J-352		0.00	927.38	810.00	117.38	50.87
J-353		0.00	927.38	788.00	139.38	60.40
J-354		0.00	927.35	805.00	122.35	53.02
J-355		0.00	927.35	818.00	109.35	47.39
J-356		0.00	927.55	795.00	132.55	57.44
J-357		0.00	927.46	787.00	140.46	60.86
J-358		0.00	927.36	792.00	135.36	58.66
J-359		0.00	927.46	808.00	119.46	51.76
J-36		0.00	931.84	712.00	219.84	95.27
J-360		0.00	927.23	775.00	152.23	65.96
J-361		0.00	927.24	792.00	135.24	58.60
J-362		0.00	927.23	760.00	167.23	72.46
J-363		0.00	925.49	786.00	139.49	60.45
J-364		0.00	926.94	804.00	122.94	53.27
J-365		0.00	935.96	826.00	109.96	47.65
J-366		0.00	926.95	819.00	107.95	46.78
J-367		0.00	926.87	803.00	123.87	53.68
J-368		0.00	926.93	802.00	124.93	54.14
J-369		0.00	927.04	795.00	132.04	57.22
J-37		0.00	927.86	820.00	107.86	46.74
J-370		0.00	935.96	801.00	134.96	58.48
J-371		0.00	926.87	806.00	120.87	52.38
J-372		0.00	927.59	795.00	132.59	57.45
J-373		0.00	927.59	794.00	133.59	57.89
J-374		0.00	910.35	765.00	145.35	62.99
J-375		0.00	927.59	778.00	149.59	64.82
J-376		0.00	910.90	823.00	87.90	38.09
J-377		0.00	912.53	846.00	66.53	28.83
J-378		0.00	915.29	800.00	115.29	49.96
J-379		0.00	913.81	820.00	93.81	40.65
J-38		0.00	931.86	717.00	214.86	93.11
J-380		0.00	913.47	845.00	68.47	29.67
J-381		0.00	972.80	796.00	176.80	76.61
J-382		0.00	942.52	760.00	182.52	79.09
J-383		0.00	942.52	763.00	179.52	77.79
J-384		0.00	942.52	793.00	149.52	64.79
J-385		0.00	942.53	818.00	124.53	53.96
J-386		0.00	942.47	765.00	177.47	76.90
J-387		0.00	943.30	820.00	123.30	53.43
J-388		0.00	942.18	770.00	172.18	74.61
J-389		0.00	804.68	617.00	187.68	81.33
J-39		0.00	925.74	819.00	106.74	46.26
J-390		0.00	804.65	614.00	190.65	82.62
J-391		0.00	802.70	766.00	36.70	15.90
J-392		0.00	804.66	617.00	187.66	81.32
J-393		0.00	804.30	516.00	288.30	124.93
J-394		0.00	802.70	806.00	-3.30	-1.43
J-395	Farmdale MM1	164.00	920.73	770.00	150.73	65.31
J-396		0.00	802.70	806.00	-3.30	-1.43
J-397		0.00	804.65	614.00	190.65	82.62
J-398		0.00	804.30	518.00	286.30	124.06
J-399		0.00	804.59	544.00	260.59	112.92
J-4		0.00	933.62	905.00	28.62	12.40
J-40		0.00	926.34	784.00	142.34	61.68

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J-400		0.00	804.58	537.00	267.58	115.95
J-401		0.00	804.30	516.00	288.30	124.93
J-402		0.00	802.75	484.00	318.75	138.13
J-403		0.00	802.73	486.00	316.73	137.25
J-404		0.00	804.29	514.00	290.29	125.79
J-405		0.00	798.65	710.00	88.65	38.41
J-406		0.00	804.30	518.00	286.30	124.06
J-407		0.00	802.69	515.00	287.69	124.67
J-408		0.00	802.69	514.00	288.69	125.10
J-409		0.00	802.69	514.00	288.69	125.10
J-41		0.00	931.86	712.00	219.86	95.27
J-410		0.00	799.94	504.00	295.94	128.24
J-411		0.00	802.70	806.00	-3.30	-1.43
J-412		0.00	802.70	806.00	-3.30	-1.43
J-413		0.00	802.70	786.00	16.70	7.24
J-414		0.00	802.70	806.00	-3.30	-1.43
J-415		0.00	799.08	515.00	284.08	123.10
J-416		0.00	802.70	792.00	10.70	4.64
J-417		0.00	802.70	784.00	18.70	8.10
J-418		0.00	802.70	788.00	14.70	6.37
J-419		0.00	802.70	785.00	17.70	7.67
J-42	S Anderson M	200.00	910.03	747.00	163.03	70.64
J-420		0.00	802.69	630.00	172.69	74.83
J-421		0.00	802.70	605.00	197.70	85.67
J-422		0.00	802.67	592.00	210.67	91.29
J-423		0.00	802.67	592.00	210.67	91.29
J-424		0.00	802.67	596.00	206.67	89.56
J-425		0.00	802.43	558.00	244.43	105.92
J-426		0.00	801.19	510.00	291.19	126.18
J-427		0.00	800.67	510.00	290.67	125.96
J-428		0.00	800.63	517.00	283.63	122.91
J-429		0.00	801.21	510.00	291.21	126.19
J-43		0.00	941.64	710.00	231.64	100.38
J-430		0.00	800.63	530.00	270.63	117.27
J-431		0.00	800.67	520.00	280.67	121.62
J-432		0.00	800.00	498.00	302.00	130.87
J-433		0.00	800.21	499.00	301.21	130.53
J-434		0.00	800.21	502.00	298.21	129.22
J-435		0.00	799.04	520.00	279.04	120.92
J-436		0.00	800.25	498.00	302.25	130.97
J-437		0.00	800.26	504.00	296.26	128.38
J-438		0.00	800.26	504.00	296.26	128.38
J-439		0.00	800.45	507.00	293.45	127.16
J-44		0.00	801.63	501.00	300.63	130.27
J-440		0.00	800.24	503.00	297.24	128.81
J-441		0.00	800.44	506.00	294.44	127.59
J-442		0.00	799.00	516.00	283.00	122.63
J-443		0.00	800.48	553.00	247.48	107.24
J-444		0.00	800.58	516.00	284.58	123.32
J-445		0.00	800.59	514.00	286.59	124.19
J-446		0.00	800.56	510.00	290.56	125.91
J-447		0.00	948.33	805.00	143.33	62.11
J-448		0.00	799.01	518.00	281.01	121.77
J-449		0.00	799.03	535.00	264.03	114.41
J-45		0.00	942.51	765.00	177.51	76.92
J-450		0.00	801.37	510.00	291.37	126.26
J-451		0.00	800.88	508.00	292.88	126.92

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J-452	0.00	800.56	515.00	285.56	123.74
J-453	0.00	801.63	511.00	290.63	125.94
J-454	0.00	800.61	511.00	289.61	125.50
J-455	0.00	800.59	514.00	286.59	124.19
J-456	0.00	800.59	505.00	295.59	128.09
J-457	0.00	800.59	506.00	294.59	127.65
J-458	0.00	800.60	514.00	286.60	124.19
J-459	0.00	800.60	502.00	298.60	129.39
J-46	0.00	940.93	794.00	146.93	63.67
J-460	0.00	800.21	499.00	301.21	130.52
J-461	0.00	800.56	510.00	290.56	125.91
J-462	0.00	800.27	516.00	284.27	123.18
J-463	0.00	800.27	504.00	296.27	128.38
J-464	0.00	800.34	510.00	290.34	125.82
J-465	0.00	800.75	508.00	292.75	126.86
J-466	0.00	800.43	507.00	293.43	127.15
J-467	0.00	800.58	510.00	290.58	125.92
J-468	0.00	800.59	514.00	286.59	124.19
J-469	0.00	800.30	506.00	294.30	127.53
J-47	0.00	942.57	786.00	156.57	67.85
J-470	0.00	800.44	506.00	294.44	127.59
J-471	0.00	800.26	504.00	296.26	128.38
J-472	0.00	800.26	503.00	297.26	128.81
J-473	0.00	800.21	496.00	304.21	131.83
J-474	0.00	800.24	496.00	304.24	131.84
J-475	0.00	800.21	496.00	304.21	131.83
J-476	0.00	800.24	496.00	304.24	131.84
J-477	0.00	799.24	494.00	305.24	132.27
J-478	0.00	799.24	496.00	303.24	131.40
J-479	0.00	799.24	496.00	303.24	131.40
J-48	0.00	940.93	806.00	134.93	58.47
J-480	0.00	799.24	509.00	290.24	125.77
J-481	0.00	799.07	522.00	277.07	120.07
J-482	0.00	967.96	774.00	193.96	84.05
J-483	0.00	799.08	523.00	276.08	119.63
J-484	0.00	967.96	810.00	157.96	68.45
J-485	0.00	799.76	504.00	295.76	128.16
J-486	0.00	800.43	508.00	292.43	126.72
J-487	0.00	800.43	539.00	261.43	113.28
J-488	0.00	800.29	506.00	294.29	127.53
J-489	0.00	800.30	505.00	295.30	127.96
J-49	0.00	940.93	756.00	184.93	80.14
J-490	0.00	800.16	508.00	292.16	126.60
J-491	0.00	800.03	508.00	292.03	126.54
J-492	0.00	800.63	518.00	282.63	122.47
J-493	0.00	800.03	502.00	298.03	129.14
J-494	0.00	800.25	504.00	296.25	128.38
J-495	0.00	800.24	504.00	296.24	128.37
J-496	0.00	799.94	510.00	289.94	125.64
J-497	0.00	948.09	772.00	176.09	76.31
J-498	0.00	799.60	506.00	293.60	127.23
J-499	0.00	799.59	507.00	292.59	126.79
J-5	0.00	931.05	700.00	231.05	100.12
J-50	0.00	940.93	785.00	155.93	67.57
J-500	0.00	799.52	511.00	288.52	125.03
J-501	0.00	799.50	515.00	284.50	123.29
J-502	0.00	799.50	522.00	277.50	120.25

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J-503	0.00	799.47	508.00	291.47	126.31
J-504	0.00	799.46	514.00	285.46	123.70
J-505	0.00	799.47	497.00	302.47	131.07
J-506	0.00	799.36	526.00	273.36	118.46
J-507	0.00	799.44	496.00	303.44	131.49
J-508	0.00	799.50	499.00	300.50	130.22
J-509	0.00	799.51	497.00	302.51	131.09
J-51	0.00	940.93	758.00	182.93	79.27
J-510	0.00	799.53	504.00	295.53	128.06
J-511	0.00	799.52	511.00	288.52	125.03
J-512	0.00	799.55	505.00	294.55	127.64
J-513	0.00	799.64	507.00	292.64	126.81
J-514	0.00	799.55	500.00	299.55	129.80
J-515	0.00	799.24	495.00	304.24	131.84
J-516	0.00	800.08	622.00	178.08	77.17
J-517	0.00	800.08	631.00	169.08	73.27
J-518	0.00	800.08	622.00	178.08	77.17
J-519	0.00	800.08	589.00	211.08	91.47
J-52	0.00	940.93	791.00	149.93	64.97
J-520	0.00	817.01	718.00	99.01	42.91
J-521	0.00	802.58	592.00	210.58	91.25
J-522	0.00	802.58	593.00	209.58	90.82
J-523	0.00	802.66	624.00	178.66	77.42
J-524	0.00	802.16	510.00	292.16	126.60
J-525	0.00	802.16	529.00	273.16	118.37
J-526	0.00	802.15	536.00	266.15	115.33
J-527	0.00	801.96	520.00	281.96	122.18
J-528	0.00	801.96	534.00	267.96	116.11
J-529	0.00	801.75	516.00	285.75	123.82
J-53	0.00	940.93	791.00	149.93	64.97
J-530	0.00	801.89	518.00	283.89	123.02
J-531	0.00	801.77	504.00	297.77	129.03
J-532	0.00	801.51	502.00	299.51	129.79
J-533	0.00	801.58	504.00	297.58	128.95
J-534	0.00	801.63	510.00	291.63	126.37
J-535	0.00	801.51	510.00	291.51	126.32
J-536	0.00	801.51	504.00	297.51	128.92
J-537	0.00	801.48	512.00	289.48	125.44
J-538	0.00	801.61	510.00	291.61	126.36
J-539	0.00	801.73	520.00	281.73	122.08
J-54	0.00	945.82	820.00	125.82	54.52
J-540	0.00	801.67	506.00	295.67	128.12
J-541	0.00	801.87	529.00	272.87	118.24
J-542	0.00	801.69	506.00	295.69	128.13
J-543	0.00	801.96	546.00	255.96	110.91
J-544	0.00	801.96	557.00	244.96	106.15
J-545	0.00	801.34	511.00	290.34	125.81
J-546	0.00	801.96	557.00	244.96	106.15
J-547	0.00	801.61	510.00	291.61	126.36
J-548	0.00	801.78	506.00	295.78	128.17
J-549	0.00	801.96	513.00	288.96	125.22
J-55	0.00	945.67	820.00	125.67	54.46
J-550	0.00	802.22	516.00	286.22	124.03
J-551	0.00	802.22	519.00	283.22	122.73
J-552	0.00	801.97	502.00	299.97	129.99
J-553	0.00	801.84	513.00	288.84	125.16
J-554	0.00	801.84	517.00	284.84	123.43

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J-555	0.00	801.58	512.00	289.58	125.49
J-556	0.00	801.74	518.00	283.74	122.95
J-557	0.00	801.69	508.00	293.69	127.26
J-558	0.00	800.92	500.00	300.92	130.40
J-559	0.00	801.81	500.00	301.81	130.78
J-56	0.00	945.60	822.00	123.60	53.56
J-560	0.00	801.69	511.00	290.69	125.97
J-561	0.00	801.62	504.00	297.62	128.97
J-562	0.00	801.69	508.00	293.69	127.26
J-563	0.00	801.03	504.00	297.03	128.71
J-564	0.00	801.03	507.00	294.03	127.41
J-565	0.00	798.19	517.00	281.19	121.85
J-566	0.00	798.48	510.00	288.48	125.01
J-567	0.00	797.51	496.00	301.51	130.65
J-568	0.00	798.48	576.00	222.48	96.41
J-569	0.00	798.48	602.00	196.48	85.14
J-57	0.00	945.76	780.00	165.76	71.83
J-570	0.00	798.48	574.00	224.48	97.27
J-571	0.00	798.48	571.00	227.48	98.57
J-572	0.00	798.48	587.00	211.48	91.64
J-573	0.00	798.48	624.00	174.48	75.61
J-574	0.00	797.51	512.00	285.51	123.72
J-575	0.00	798.48	610.00	188.48	81.67
J-576	0.00	800.21	508.00	292.21	126.63
J-577	0.00	792.27	508.00	284.27	123.18
J-578	0.00	792.74	510.00	282.74	122.52
J-579	0.00	792.09	510.00	282.09	122.24
J-58	0.00	945.76	777.00	168.76	73.13
J-580	0.00	790.68	517.00	273.68	118.60
J-581	0.00	790.51	499.00	291.51	126.32
J-582	0.00	790.68	499.00	291.68	126.40
J-583	0.00	798.39	590.00	208.39	90.30
J-584	0.00	786.32	528.00	258.32	111.94
J-585	0.00	790.47	511.00	279.47	121.11
J-586	0.00	790.54	510.00	280.54	121.57
J-587	0.00	790.48	503.00	287.48	124.57
J-588	0.00	790.26	511.00	279.26	121.01
J-589	0.00	790.55	508.00	282.55	122.44
J-59	0.00	945.76	813.00	132.76	57.53
J-590	0.00	790.69	508.00	282.69	122.50
J-591	0.00	789.89	517.00	272.89	118.25
J-592	0.00	790.55	506.00	284.55	123.31
J-593	0.00	790.48	499.00	291.48	126.31
J-594	0.00	789.69	536.00	253.69	109.93
J-595	0.00	789.58	542.00	247.58	107.29
J-596	0.00	790.55	503.00	287.55	124.61
J-597	0.00	789.69	548.00	241.69	104.73
J-598	0.00	790.55	504.00	286.55	124.17
J-599	0.00	799.07	510.00	289.07	125.26
J-6	0.00	932.89	794.00	138.89	60.19
J-60	0.00	945.76	738.00	207.76	90.03
J-600	0.00	790.55	503.00	287.55	124.61
J-601	0.00	798.91	516.00	282.91	122.59
J-602	0.00	798.91	510.00	288.91	125.19
J-603	0.00	798.91	502.00	296.91	128.66
J-604	0.00	798.91	511.00	287.91	124.76
J-605	0.00	799.01	580.00	219.01	94.90

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J-606		0.00	798.72	507.00	291.72	126.41
J-607		0.00	798.71	514.00	284.71	123.38
J-608		0.00	798.61	528.00	270.61	117.26
J-609		0.00	798.71	514.00	284.71	123.38
J-61		0.00	945.76	814.00	131.76	57.10
J-610		0.00	798.89	507.00	291.89	126.48
J-611		0.00	798.89	510.00	288.89	125.18
J-612		0.00	798.47	534.00	264.47	114.60
J-613		0.00	798.47	559.00	239.47	103.77
J-614		0.00	798.40	532.00	266.40	115.44
J-615		0.00	798.00	504.00	294.00	127.40
J-616		0.00	798.39	521.00	277.39	120.20
J-617		0.00	798.39	517.00	281.39	121.94
J-618		0.00	798.39	554.00	244.39	105.90
J-619		0.00	798.38	516.00	282.38	122.37
J-62		0.00	945.76	813.00	132.76	57.53
J-620		0.00	931.61	720.00	211.61	91.70
J-621		0.00	798.39	517.00	281.39	121.94
J-622		0.00	798.39	551.00	247.39	107.20
J-623		0.00	798.33	552.00	246.33	106.74
J-624		0.00	798.36	507.00	291.36	126.26
J-625		0.00	798.32	510.00	288.32	124.94
J-626		0.00	798.21	521.00	277.21	120.13
J-627		0.00	798.00	510.00	288.00	124.80
J-628	Peaksmill MM	250.00	795.85	506.00	289.85	125.60
J-629		0.00	795.85	507.00	288.85	125.17
J-63		0.00	945.76	791.00	154.76	67.06
J-630		0.00	796.55	506.00	290.55	125.91
J-631		0.00	796.55	503.00	293.55	127.21
J-632		0.00	796.83	503.00	293.83	127.33
J-633		0.00	797.24	516.00	281.24	121.87
J-634		0.00	797.24	521.00	276.24	119.70
J-635		0.00	797.86	512.00	285.86	123.87
J-636		0.00	797.93	514.00	283.93	123.04
J-637		0.00	797.93	522.00	275.93	119.57
J-638		0.00	797.93	522.00	275.93	119.57
J-639		0.00	797.93	514.00	283.93	123.04
J-64		0.00	945.76	813.00	132.76	57.53
J-640		0.00	798.39	551.00	247.39	107.20
J-641		0.00	798.65	602.00	196.65	85.21
J-642		0.00	798.60	605.00	193.60	83.89
J-643		0.00	798.67	610.00	188.67	81.76
J-644		0.00	798.66	574.00	224.66	97.35
J-645		0.00	798.67	603.00	195.67	84.79
J-646		0.00	798.64	544.00	254.64	110.34
J-647		0.00	798.55	526.00	272.55	118.11
J-648		0.00	798.72	504.00	294.72	127.71
J-649		0.00	798.69	526.00	272.69	118.16
J-65		0.00	945.76	788.00	157.76	68.36
J-650		0.00	798.69	511.00	287.69	124.66
J-651		0.00	798.69	575.00	223.69	96.93
J-652		0.00	798.92	518.00	280.92	121.73
J-653		0.00	798.92	519.00	279.92	121.30
J-654		0.00	799.01	550.00	249.01	107.90
J-655		0.00	799.01	566.00	233.01	100.97
J-656		0.00	799.08	523.00	276.08	119.63
J-657		0.00	799.06	620.00	179.06	77.59

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J-658	0.00	799.17	513.00	286.17	124.01
J-659	0.00	798.83	657.00	141.83	61.46
J-66	0.00	945.76	789.00	156.76	67.93
J-660	0.00	798.83	598.00	200.83	87.02
J-661	0.00	798.93	650.00	148.93	64.54
J-662	0.00	798.93	653.00	145.93	63.24
J-663	0.00	798.27	530.00	268.27	116.25
J-664	0.00	798.27	529.00	269.27	116.68
J-665	0.00	798.27	496.00	302.27	130.98
J-666	0.00	798.27	516.00	282.27	122.32
J-667	0.00	798.80	498.00	300.80	130.35
J-668	0.00	798.80	492.00	306.80	132.95
J-669	0.00	798.80	494.00	304.80	132.08
J-67	0.00	945.76	794.00	151.76	65.76
J-670	0.00	798.80	493.00	305.80	132.51
J-671	0.00	799.01	516.00	283.01	122.64
J-672	0.00	799.03	497.00	302.03	130.88
J-673	0.00	802.71	752.00	50.71	21.97
J-674	0.00	982.41	798.00	184.41	79.91
J-675	0.00	802.70	786.00	16.70	7.24
J-676	0.00	798.92	674.00	124.92	54.13
J-677	0.00	817.01	777.00	40.01	17.34
J-678	0.00	802.81	730.00	72.81	31.55
J-679	0.00	940.59	806.00	134.59	58.32
J-68	0.00	945.76	781.00	164.76	71.40
J-680	0.00	940.59	800.00	140.59	60.92
J-681	0.00	804.65	614.00	190.65	82.62
J-682	0.00	784.18	658.00	126.18	54.68
J-683	0.00	804.65	698.00	106.65	46.22
J-684	0.00	968.50	793.00	175.50	76.05
J-685	0.00	804.65	697.00	107.65	46.65
J-686	0.00	804.65	684.00	120.65	52.28
J-687	0.00	804.65	697.00	107.65	46.65
J-688	0.00	804.65	658.00	146.65	63.55
J-689	0.00	804.65	682.00	122.65	53.15
J-69	0.00	945.76	778.00	167.76	72.69
J-690	0.00	804.65	681.00	123.65	53.58
J-691	0.00	804.65	685.00	119.65	51.85
J-692	0.00	800.09	668.00	132.09	57.24
J-693	0.00	801.34	511.00	290.34	125.81
J-694	0.00	800.09	650.00	150.09	65.04
J-695	0.00	801.23	507.00	294.23	127.50
J-696	0.00	801.34	501.00	300.34	130.15
J-697	0.00	801.23	493.00	308.23	133.57
J-698	0.00	801.48	502.00	299.48	129.78
J-699	0.00	801.48	504.00	297.48	128.91
J-7	0.00	932.89	834.00	98.89	42.85
J-70	0.00	945.76	772.00	173.76	75.29
J-700	0.00	801.48	510.00	291.48	126.31
J-701	0.00	801.49	512.00	289.49	125.45
J-702	0.00	801.49	507.00	294.49	127.61
J-703	0.00	801.51	504.00	297.51	128.92
J-704	0.00	927.74	818.00	109.74	47.56
J-705	0.00	927.76	794.00	133.76	57.96
J-706	0.00	927.75	808.00	119.75	51.89
J-707	0.00	916.93	797.00	119.93	51.97
J-708	0.00	917.98	794.00	123.98	53.72

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J-709		0.00	913.47	760.00	153.47	66.50
J-71		0.00	945.76	801.00	144.76	62.73
J-710		0.00	913.47	760.00	153.47	66.50
J-711		0.00	927.58	796.00	131.58	57.02
J-712		0.00	913.47	770.00	143.47	62.17
J-713		0.00	927.57	771.00	156.57	67.85
J-714		0.00	929.38	780.00	149.38	64.73
J-715		0.00	927.57	775.00	152.57	66.11
J-716		0.00	929.39	822.00	107.39	46.53
J-717		0.00	929.42	810.00	119.42	51.75
J-718		0.00	967.78	816.00	151.78	65.77
J-719		0.00	929.42	818.00	111.42	48.28
J-72		0.00	945.76	774.00	171.76	74.43
J-720		0.00	948.09	778.00	170.09	73.71
J-721		0.00	926.82	818.00	108.82	47.16
J-722		0.00	983.13	555.00	428.13	185.52
J-723		0.00	799.98	508.00	291.98	126.52
J-724		0.00	940.93	766.00	174.93	75.80
J-725		0.00	940.93	760.00	180.93	78.40
J-726		0.00	945.76	768.00	177.76	77.03
J-727		0.00	931.84	716.00	215.84	93.53
J-728		0.00	931.84	744.00	187.84	81.40
J-729		0.00	931.89	720.00	211.89	91.82
J-73		0.00	945.76	794.00	151.76	65.76
J-730		0.00	931.89	738.00	193.89	84.02
J-731		0.00	931.89	725.00	206.89	89.65
J-732		0.00	926.90	818.00	108.90	47.19
J-733		0.00	927.10	820.00	107.10	46.41
J-734		0.00	926.98	815.00	111.98	48.52
J-735		0.00	924.06	801.00	123.06	53.33
J-736	Georgetown M	1900.00	931.32	755.00	176.32	76.41
J-737		0.00	1003.21	677.00	326.21	141.36
J-738		0.00	1003.04	792.00	211.04	91.45
J-739		0.00	1003.21	788.00	215.21	93.26
J-74		0.00	940.25	770.00	170.25	73.77
J-740		0.00	1003.23	788.00	215.23	93.27
J-741		0.00	1003.47	796.00	207.47	89.90
J-742		0.00	1004.50	675.00	329.50	142.78
J-743		0.00	1004.50	675.00	329.50	142.79
J-744		0.00	1005.95	667.00	338.95	146.88
J-745		0.00	1006.34	667.00	339.34	147.05
J-746		0.00	1007.95	720.00	287.95	124.78
J-747		0.00	1007.95	708.00	299.95	129.98
J-748		0.00	1007.95	722.00	285.95	123.91
J-749		0.00	1007.95	720.00	287.95	124.78
J-75		0.00	949.62	801.00	148.62	64.40
J-750		0.00	1007.95	732.00	275.95	119.58
J-751		0.00	1007.95	776.00	231.95	100.51
J-752		0.00	1007.95	700.00	307.95	133.44
J-753		0.00	1007.95	708.00	299.95	129.98
J-754		0.00	1007.95	705.00	302.95	131.28
J-755		0.00	1007.95	762.00	245.95	106.58
J-756		0.00	1007.95	765.00	242.95	105.28
J-757		0.00	1007.95	725.00	282.95	122.61
J-758		0.00	1007.95	666.00	341.95	148.18
J-759		0.00	1007.95	720.00	287.95	124.78
J-76		0.00	951.11	760.00	191.11	82.81

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J-760		0.00	1007.95	692.00	315.95	136.91
J-761		0.00	1007.95	692.00	315.95	136.91
J-762		0.00	989.89	789.00	200.89	87.05
J-763		0.00	988.35	830.00	158.35	68.62
J-764		0.00	988.35	812.00	176.35	76.42
J-765		0.00	986.75	764.00	222.75	96.52
J-766		0.00	988.13	845.00	143.13	62.02
J-767		0.00	986.99	776.00	210.99	91.43
J-768		0.00	986.75	765.00	221.75	96.09
J-769		0.00	983.68	744.00	239.68	103.86
J-77		0.00	940.28	770.00	170.28	73.79
J-770		0.00	985.33	752.00	233.33	101.11
J-771		0.00	967.82	806.00	161.82	70.12
J-772		0.00	969.01	794.00	175.01	75.84
J-773		0.00	967.96	774.00	193.96	84.05
J-774		0.00	966.22	811.00	155.22	67.26
J-775		0.00	966.84	786.00	180.84	78.36
J-776		0.00	969.02	847.00	122.02	52.87
J-777		0.00	966.97	804.00	162.97	70.62
J-778		0.00	966.97	821.00	145.97	63.25
J-779		0.00	966.97	820.00	146.97	63.68
J-78		0.00	940.93	773.00	167.93	72.77
J-780		0.00	967.16	794.00	173.16	75.04
J-781		0.00	931.61	730.00	201.61	87.37
J-782		0.00	970.25	787.00	183.25	79.41
J-783		0.00	800.32	525.00	275.32	119.31
J-784		0.00	970.25	757.00	213.25	92.41
J-785		0.00	800.33	526.00	274.33	118.88
J-786		0.00	969.01	797.00	172.01	74.54
J-787		0.00	969.01	794.00	175.01	75.84
J-788		0.00	969.01	755.00	214.01	92.74
J-789		0.00	969.01	756.00	213.01	92.30
J-79		0.00	940.28	770.00	170.28	73.79
J-790		0.00	969.01	772.00	197.01	85.37
J-791		0.00	969.01	787.00	182.01	78.87
J-792		0.00	969.01	763.00	206.01	89.27
J-793		0.00	969.01	752.00	217.01	94.04
J-794		0.00	969.01	759.00	210.01	91.00
J-795		0.00	969.01	754.00	215.01	93.17
J-796		0.00	969.01	755.00	214.01	92.74
J-797		0.00	969.01	748.00	221.01	95.77
J-798		0.00	969.01	741.00	228.01	98.80
J-799		0.00	967.59	766.00	201.59	87.36
J-8	US 60 MM 1	300.00	930.75	692.00	238.75	103.46
J-80		0.00	940.93	759.00	181.93	78.84
J-800		0.00	969.01	747.00	222.01	96.20
J-801		0.00	931.61	706.00	225.61	97.77
J-802		0.00	967.86	808.00	159.86	69.27
J-803		0.00	967.86	830.00	137.86	59.74
J-804		0.00	967.88	816.00	151.88	65.81
J-805		0.00	968.67	779.00	189.67	82.19
J-806		0.00	967.76	764.00	203.76	88.30
J-807		0.00	968.67	773.00	195.67	84.79
J-808		0.00	968.67	768.00	200.67	86.96
J-809		0.00	968.50	855.00	113.50	49.18
J-81		0.00	940.93	810.00	130.93	56.74
J-810		0.00	970.62	510.00	460.62	199.60

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J-811	0.00	968.69	772.00	196.69	85.23
J-812	0.00	968.75	800.00	168.75	73.12
J-813	0.00	968.85	758.00	210.85	91.37
J-814	0.00	967.89	814.00	153.89	66.69
J-815	0.00	968.73	786.00	182.73	79.18
J-816	0.00	967.89	804.00	163.89	71.02
J-817	0.00	967.89	789.00	178.89	77.52
J-818	0.00	967.89	798.00	169.89	73.62
J-819	0.00	967.89	793.00	174.89	75.79
J-82	0.00	940.93	804.00	136.93	59.34
J-820	0.00	967.89	796.00	171.89	74.49
J-821	0.00	967.89	810.00	157.89	68.42
J-822	0.00	967.89	808.00	159.89	69.29
J-823	0.00	967.92	828.00	139.92	60.63
J-824	0.00	967.93	800.00	167.93	72.77
J-825	0.00	967.93	800.00	167.93	72.77
J-826	0.00	967.96	793.00	174.96	75.82
J-827	0.00	967.96	797.00	170.96	74.08
J-828	0.00	967.96	813.00	154.96	67.15
J-829	0.00	967.95	773.00	194.95	84.48
J-83	0.00	931.23	742.00	189.23	82.00
J-830	0.00	967.95	792.00	175.95	76.25
J-831	0.00	967.95	772.00	195.95	84.91
J-832	0.00	967.95	793.00	174.95	75.81
J-833	0.00	967.93	813.00	154.93	67.14
J-834	0.00	967.96	800.00	167.96	72.78
J-835	0.00	967.98	802.00	165.98	71.93
J-836	0.00	968.02	785.00	183.02	79.31
J-837	0.00	967.96	773.00	194.96	84.48
J-838	0.00	967.97	812.00	155.97	67.58
J-839	0.00	968.11	792.00	176.11	76.32
J-84	0.00	931.64	732.00	199.64	86.51
J-840	0.00	973.87	853.00	120.87	52.38
J-841	0.00	975.12	857.00	118.12	51.19
J-842	0.00	973.88	812.00	161.88	70.15
J-843	0.00	973.87	830.00	143.87	62.35
J-844	0.00	973.88	810.00	163.88	71.01
J-845	0.00	973.87	834.00	139.87	60.61
J-846	0.00	973.99	864.00	109.99	47.66
J-847	0.00	973.99	842.00	131.99	57.20
J-848	0.00	973.95	831.00	142.95	61.94
J-849	0.00	973.95	842.00	131.95	57.18
J-85	0.00	931.22	744.00	187.22	81.13
J-850	0.00	973.88	793.00	180.88	78.38
J-851	0.00	973.88	835.00	138.88	60.18
J-852	0.00	974.00	840.00	134.00	58.07
J-853	0.00	973.88	824.00	149.88	64.95
J-854	0.00	974.06	832.00	142.06	61.56
J-855	0.00	972.80	794.00	178.80	77.48
J-856	0.00	972.80	789.00	183.80	79.65
J-857	0.00	971.14	796.00	175.14	75.89
J-858	0.00	972.60	785.00	187.60	81.29
J-859	0.00	971.14	774.00	197.14	85.43
J-86	0.00	931.22	768.00	163.22	70.73
J-860	0.00	802.42	564.00	238.42	103.31
J-861	0.00	968.79	827.00	141.79	61.44
J-862	0.00	968.48	762.00	206.48	89.47

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J-863		0.00	968.47	761.00	207.47	89.91
J-864		0.00	968.74	820.00	148.74	64.45
J-865		0.00	968.70	825.00	143.70	62.27
J-866		0.00	968.74	842.00	126.74	54.92
J-867		0.00	968.50	875.00	93.50	40.52
J-868		0.00	968.50	800.00	168.50	73.02
J-869		0.00	968.50	805.00	163.50	70.85
J-87		0.00	931.22	746.00	185.22	80.26
J-870		0.00	968.50	887.00	81.50	35.32
J-871		0.00	968.50	880.00	88.50	38.35
J-872		0.00	968.50	885.00	83.50	36.18
J-873		0.00	968.50	740.00	228.50	99.02
J-874		0.00	968.50	850.00	118.50	51.35
J-875		0.00	968.50	805.00	163.50	70.85
J-876		0.00	968.50	735.00	233.50	101.18
J-877		0.00	968.50	825.00	143.50	62.18
J-878		0.00	968.50	832.00	136.50	59.15
J-879		0.00	968.50	765.00	203.50	88.18
J-88		0.00	930.00	732.00	198.00	85.80
J-880		0.00	968.50	772.00	196.50	85.15
J-881	Farmdale MM3	126.00	913.47	745.00	168.47	73.00
J-882		0.00	968.50	790.00	178.50	77.35
J-883		0.00	968.50	805.00	163.50	70.85
J-884		0.00	968.50	815.00	153.50	66.52
J-885		0.00	968.50	845.00	123.50	53.52
J-886		0.00	968.50	847.00	121.50	52.65
J-887		0.00	968.50	525.00	443.50	192.18
J-888		0.00	968.50	515.00	453.50	196.52
J-889		0.00	968.50	520.00	448.50	194.35
J-89		0.00	930.54	750.00	180.54	78.23
J-890		0.00	968.50	772.00	196.50	85.15
J-891		0.00	970.62	560.00	410.62	177.93
J-892		0.00	968.50	757.00	211.50	91.65
J-893		0.00	968.50	750.00	218.50	94.68
J-894		0.00	968.50	762.00	206.50	89.48
J-895		0.00	968.50	837.00	131.50	56.98
J-896		0.00	968.50	760.00	208.50	90.35
J-897		0.00	968.50	710.00	258.50	112.02
J-898		0.00	968.50	755.00	213.50	92.52
J-899		0.00	968.50	760.00	208.50	90.35
J-9		0.00	931.05	747.00	184.05	79.75
J-90		0.00	930.00	728.00	202.00	87.53
J-900		0.00	968.50	790.00	178.50	77.35
J-901		0.00	968.50	797.00	171.50	74.32
J-902		0.00	968.50	812.00	156.50	67.82
J-903		0.00	968.50	787.00	181.50	78.65
J-904		0.00	968.63	793.00	175.63	76.11
J-905		0.00	968.50	845.00	123.50	53.52
J-906		0.00	968.50	860.00	108.50	47.02
J-907		0.00	964.81	835.00	129.81	56.25
J-908		0.00	968.50	837.00	131.50	56.98
J-909		0.00	968.50	840.00	128.50	55.68
J-91		0.00	930.52	746.00	184.52	79.96
J-910		0.00	968.50	875.00	93.50	40.52
J-911		0.00	968.50	870.00	98.50	42.68
J-912		0.00	968.50	510.00	458.50	198.68
J-913		0.00	968.50	510.00	458.50	198.68

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

J-914	0.00	968.50	650.00	318.50	138.02
J-915	0.00	970.62	805.00	165.62	71.77
J-916	0.00	801.98	502.00	299.98	129.99
J-917	0.00	970.62	843.00	127.62	55.30
J-918	0.00	970.62	843.00	127.62	55.30
J-919	0.00	970.62	841.00	129.62	56.17
J-92	0.00	928.60	780.00	148.60	64.39
J-920	0.00	970.62	865.00	105.62	45.77
J-921	0.00	970.62	760.00	210.62	91.27
J-922	0.00	967.04	786.00	181.04	78.45
J-923	0.00	970.62	760.00	210.62	91.27
J-924	0.00	970.62	539.00	431.62	187.03
J-925	0.00	927.79			
J-926	0.00	977.88	843.00	134.88	58.45
J-927	0.00	966.97	764.00	202.97	87.96
J-928	0.00	966.97	764.00	202.97	87.96
J-929	0.00	966.97	770.00	196.97	85.36
J-93	0.00	928.60	759.00	169.60	73.49
J-930	0.00	966.97	795.00	171.97	74.52
J-931	0.00	966.97	786.00	180.97	78.42
J-932	0.00	966.97	808.00	158.97	68.89
J-933	0.00	966.97	806.00	160.97	69.76
J-934	0.00	966.97	781.00	185.97	80.59
J-935	0.00	966.97	775.00	191.97	83.19
J-936	0.00	966.97	780.00	186.97	81.02
J-937	0.00	966.97	790.00	176.97	76.69
J-938	0.00	966.97	765.00	201.97	87.52
J-939	0.00	966.97	775.00	191.97	83.19
J-94	0.00	928.60	756.00	172.60	74.79
J-940	0.00	966.97	782.00	184.97	80.16
J-941	0.00	966.97	770.00	196.97	85.36
J-942	0.00	966.97	774.00	192.97	83.62
J-943	0.00	966.97	785.00	181.97	78.86
J-944	0.00	966.97	789.00	177.97	77.12
J-945	0.00	966.97	772.00	194.97	84.49
J-946	0.00	966.59	815.00	151.59	65.69
J-947	0.00	966.97	792.00	174.97	75.82
J-948	0.00	968.50	895.00	73.50	31.85
J-949	0.00	967.04	782.00	185.04	80.18
J-95	0.00	941.36	756.00	185.36	80.32
J-950	0.00	966.59	833.00	133.59	57.89
J-951	0.00	943.33	850.00	93.33	40.44
J-952	0.00	943.33	790.00	153.33	66.44
J-953	0.00	943.33	780.00	163.33	70.77
J-954	0.00	943.67	825.00	118.67	51.42
J-955	0.00	943.33	845.00	98.33	42.61
J-956	0.00	964.99	830.00	134.99	58.50
J-957	0.00	943.33	830.00	113.33	49.11
J-958	0.00	964.99	830.00	134.99	58.50
J-959	0.00	965.23	820.00	145.23	62.93
J-96	0.00	928.60	735.00	193.60	83.89
J-960	0.00	965.23	822.00	143.23	62.07
J-961	0.00	966.48	780.00	186.48	80.81
J-962	0.00	966.31	802.00	164.31	71.20
J-963	0.00	966.40	792.00	174.40	75.57
J-964	0.00	966.31	788.00	178.31	77.27
J-965	0.00	966.23	800.00	166.23	72.03

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

J-966		0.00	966.20	798.00	168.20	72.89
J-967		0.00	966.23	798.00	168.23	72.90
J-968		0.00	966.25	805.00	161.25	69.88
J-969		0.00	966.25	798.00	168.25	72.91
J-97		0.00	927.88	794.00	133.88	58.01
J-970		0.00	966.28	804.00	162.28	70.32
J-971		0.00	966.28	793.00	173.28	75.09
J-972		0.00	965.70	833.00	132.70	57.50
J-973		0.00	965.75	822.00	143.75	62.29
J-974		0.00	966.11	800.00	166.11	71.98
J-975		0.00	965.93	792.00	173.93	75.37
J-976		0.00	965.75	794.00	171.75	74.42
J-977		0.00	965.93	788.00	177.93	77.10
J-978		0.00	992.38	786.00	206.38	89.43
J-979		0.00	966.09	810.00	156.09	67.64
J-98		0.00	940.14	732.00	208.14	90.19
J-980		0.00	966.09	812.00	154.09	66.77
J-981		0.00	966.09	806.00	160.09	69.37
J-982		0.00	966.09	812.00	154.09	66.77
J-983		0.00	943.67	820.00	123.67	53.59
J-984		0.00	965.92	811.00	154.92	67.13
J-985		0.00	965.92	810.00	155.92	67.57
J-986		0.00	965.92	818.00	147.92	64.10
J-987		0.00	965.92	810.00	155.92	67.57
J-988		0.00	965.22	814.00	151.22	65.53
J-989		0.00	965.92	807.00	158.92	68.86
J-99		0.00	929.33	746.00	183.33	79.44
J-990		0.00	965.92	790.00	175.92	76.23
J-991		0.00	965.92	837.00	128.92	55.87
J-992		0.00	965.92	808.00	157.92	68.43
J-993		0.00	965.92	816.00	149.92	64.97
J-994		0.00	1000.77	771.00	229.77	99.56
J-995		0.00	965.92	822.00	143.92	62.37
J-996		0.00	965.92	823.00	142.92	61.93
J-997		0.00	965.92	822.00	143.92	62.37
J-998		0.00	965.92	825.00	140.92	61.07
J-999		0.00	965.92	836.00	129.92	56.30
I-P-EF1	Sullivan Pum	0.00	804.07	535.00	269.07	116.60
I-P-EF2		0.00	804.50	535.00	269.50	116.78
I-P-EF3		0.00	804.50	535.00	269.50	116.79
O-P-G2		0.00	1008.00	657.00	351.00	152.10
O-P-G5	Genesco	0.00	1008.94	657.00	351.94	152.51
I-P-H1	Hahn Pump	0.00	801.27	738.00	63.27	27.42
I-P-H2		0.00	801.95	738.00	63.95	27.71
O-P-Jett	Jett Pump	0.00	968.50	786.00	182.50	79.08
I-Pump-Mil		0.00	970.62	650.00	320.62	138.93
O-Pump-R		0.00	947.84	784.00	163.84	71.00
O-RV-1		----	970.62	510.00	460.62	199.60
I-RV-2		0.00	970.62	760.00	210.62	91.27
I-RV-3		0.00	968.50	560.00	408.50	177.02
I-RV-4		0.00	968.50	750.00	218.50	94.68
O-RV-5		----	968.50	620.00	348.50	151.02
I-RV-6		0.00	982.99	747.00	235.99	102.26
T-127	US127 Tank	----	927.80	796.00	131.80	57.11
T-Con	Sullivan Tan	----	968.96	845.00	123.96	53.72
T-Hahn	Hahn Tank	----	933.56	905.00	28.56	12.38
T-Res	Reservoir	----	802.70	806.00	-3.30	-1.43

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

T-Rose		----	968.50	903.00	65.50	28.38
T-Tot	Taylor Tot T	----	966.16	814.00	152.16	65.94
I-RV-1		0.00	983.13	510.00	473.13	205.02
I-RV-5		0.00	968.50	620.00	348.50	151.02
I-P-Jett	Jett Pump	0.00	968.73	786.00	182.73	79.18
O-Pump-Mil		0.00	968.50	650.00	318.50	138.02
O-RV-2		----	970.62	760.00	210.62	91.27
I-P-G5	Genesco	0.00	783.96	657.00	126.96	55.01
I-Pump-R		0.00	802.70	784.00	18.70	8.10
O-P-EF1	Sullivan Pum	0.00	999.67	535.00	464.67	201.36
O-P-EF3		0.00	998.47	535.00	463.47	200.84
O-P-EF2		0.00	998.47	535.00	463.47	200.84
O-P-H1	Hahn Pump	0.00	954.33	738.00	216.33	93.74
O-P-H2		0.00	952.30	738.00	214.30	92.87
O-Pump-HS1		----	804.72	595.50	209.22	90.66
O-Pump-HS2		----	804.73	595.50	209.23	90.67
O-Pump-HS3	Water Treatm	----	804.73	595.50	209.23	90.66
O-RV-4		----	968.50	750.00	218.50	94.68
O-RV-6		----	982.99	747.00	235.99	102.26
O-RV-3		----	968.50	560.00	408.50	177.02
I-P-G2		0.00	784.18	657.00	127.18	55.11

REGULATING VALVE REPORT

VALVE LABEL	VALVE TYPE	VALVE SETTING (psi or gpm)	VALVE STATUS	UPSTREAM PRESSURE (psi)	DOWNSTREAM PRESSURE (psi)	THROUGH FLOW (gpm)
RV-1	PRV-1	50.00	CLOSED	205.02	199.60	0.00
RV-2	PRV-1	50.00	WIDE OPEN	91.27	91.27	0.00
RV-3	PRV-1	50.00	WIDE OPEN	177.02	177.02	0.00
RV-4	PRV-1	50.00	WIDE OPEN	94.68	94.68	0.00
RV-5	PRV-1	50.00	WIDE OPEN	151.02	151.02	0.00
RV-6	PRV-1	50.00	WIDE OPEN	102.26	102.26	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

(+) INFLOWS INTO THE SYSTEM FROM SUPPLY NODES
 (-) OUTFLOWS FROM THE SYSTEM INTO SUPPLY NODES

NODE NAME	FLOWRATE (gpm)	NODE TITLE
Pump-HS2	6026.18	
Pump-HS3	6026.23	Water Treatm
T-127	-511.21	US127 Tank
T-Con	-2174.99	Sullivan Tan
T-Hahn	-1624.99	Hahn Tank
T-Res	-1606.24	Reservoir
T-Rose	0.00	
T-Tot	-1488.16	Taylor Tot T

NET SYSTEM INFLOW = 12052.41

KYPIPE OUTPUT Case:0 (PSC model run with pumps on) 1/29/09

NET SYSTEM OUTFLOW = -7405.59
NET SYSTEM DEMAND = 4647.00

***** HYDRAULIC ANALYSIS COMPLETED *****

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

RESULTS OBTAINED AFTER 11 TRIALS: ACCURACY = 0.00031

S I M U L A T I O N D E S C R I P T I O N (L A B E L)

P I P E L I N E R E S U L T S

STATUS CODE: XX -CLOSED PIPE CV -CHECK VALVE

P I P E N A M E	N O D E N U M B E R S		F L O W R A T E (gpm)	H E A D L O S S (ft)	M I N O R L O S S (ft)	L I N E V E L O . (ft/s)	H L + M L / 1 0 0 0 (ft/ft)	H L / 1 0 0 0 (ft/ft)
	#1	#2						
P-1	J-891	J-924	0.00	0.00	0.00	0.00	0.00	0.00
P-10	J-10	J-729	249.91	0.09	0.00	0.40	0.08	0.08
P-100	J-29	J-92	79.53	0.02	0.00	0.23	0.04	0.04
P-1000	J-808	J-805	0.00	0.00	0.00	0.00	0.00	0.00
P-1001	J-811	J-808	49.89	0.00	0.00	0.14	0.02	0.02
P-1002	O-P-Jett	J-684	0.00	0.00	0.00	0.00	0.00	0.00
P-1003	J-815	J-1762	17.71	0.00	0.00	0.05	0.00	0.00
P-1004	O-RV-1	J-810	0.00	0.00	0.00	0.00	0.00	0.00
P-1005	J-1293	J-811	32.18	0.00	0.00	0.09	0.01	0.01
P-1006	J-1785	J-813	28.11	0.02	0.00	0.16	0.02	0.02
P-1007	J-110	J-812	29.60	0.00	0.00	0.08	0.01	0.01
P-1008	J-812	J-815	17.71	0.00	0.00	0.05	0.00	0.00
P-1009	J-815	I-P-Jett	0.00	0.00	0.00	0.00	0.00	0.00
P-101	J-92	J-285	0.00	0.00	0.00	0.00	0.00	0.00
P-1010	J-823	J-814	38.22	0.01	0.00	0.11	0.01	0.01
P-1011	J-814	J-821	0.00	0.00	0.00	0.00	0.00	0.00
P-1012	J-816	J-817	0.00	0.00	0.00	0.00	0.00	0.00
P-1013	J-816	J-818	0.00	0.00	0.00	0.00	0.00	0.00
P-1014	J-818	J-819	0.00	0.00	0.00	0.00	0.00	0.00
P-1015	J-818	J-820	0.00	0.00	0.00	0.00	0.00	0.00
P-1016	J-821	J-816	0.00	0.00	0.00	0.00	0.00	0.00
P-1017	J-821	J-822	0.00	0.00	0.00	0.00	0.00	0.00
P-1018	J-833	J-823	34.45	0.00	0.00	0.10	0.01	0.01
P-1019	J-825	J-823	3.77	0.00	0.00	0.04	0.00	0.00
P-102	J-93	J-94	0.00	0.00	0.00	0.00	0.00	0.00
P-1020	J-825	J-824	0.00	0.00	0.00	0.00	0.00	0.00
P-1021	J-831	J-825	3.77	0.00	0.00	0.04	0.00	0.00
P-1022	J-837	J-826	14.31	0.00	0.00	0.04	0.00	0.00
P-1023	J-826	J-827	2.14	0.00	0.00	0.02	0.00	0.00
P-1024	J-828	J-827	0.12	0.00	0.00	0.00	0.00	0.00
P-1025	J-826	J-828	20.05	0.00	0.00	0.06	0.00	0.00
P-1026	J-827	J-829	2.26	0.00	0.00	0.03	0.00	0.00
P-1027	J-830	J-829	1.09	0.00	0.00	0.01	0.00	0.00
P-1028	J-828	J-830	19.93	0.00	0.00	0.06	0.00	0.00
P-1029	J-829	J-831	3.34	0.00	0.00	0.04	0.00	0.00
P-103	J-93	J-96	0.12	0.00	0.00	0.00	0.00	0.00
P-1030	J-832	J-831	0.42	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-1031	J-830	J-832	24.77	0.00	0.00	0.07	0.00	0.00
P-1032	J-834	J-830	5.92	0.00	0.00	0.07	0.01	0.01
P-1033	J-832	J-833	24.34	0.00	0.00	0.07	0.00	0.00
P-1034	J-838	J-834	1.32	0.00	0.00	0.02	0.00	0.00
P-1035	J-835	J-834	4.60	0.00	0.00	0.05	0.01	0.01
P-1036	J-835	J-826	7.88	0.00	0.00	0.09	0.02	0.02
P-1037	J-836	J-835	12.48	0.01	0.00	0.14	0.04	0.04
P-1038	J-837	J-1045	0.00	0.00	0.00	0.00	0.00	0.00
P-1039	J-836	J-837	14.31	0.01	0.00	0.16	0.05	0.05
P-104	J-96	J-93	0.12	0.00	0.00	0.00	0.00	0.00
P-1040	J-839	J-836	26.79	0.02	0.00	0.30	0.15	0.15
P-1041	J-838	J-833	10.11	0.01	0.00	0.11	0.02	0.02
P-1042	J-839	J-838	11.43	0.03	0.00	0.13	0.03	0.03
P-1043	J-840	J-839	38.22	1.33	0.00	0.43	0.29	0.29
P-1044	J-841	J-840	3.16	0.01	0.00	0.04	0.00	0.00
P-1045	J-845	J-840	35.06	0.01	0.00	0.09	0.00	0.00
P-1046	J-843	J-845	0.00	0.00	0.00	0.00	0.00	0.00
P-1047	J-851	J-845	35.06	0.00	0.00	0.09	0.00	0.00
P-1048	J-842	J-844	0.00	0.00	0.00	0.00	0.00	0.00
P-1049	J-852	J-842	45.63	0.02	0.00	0.12	0.01	0.01
P-105	J-239	J-95	110.34	0.04	0.00	0.31	0.07	0.07
P-1050	J-846	J-847	0.00	0.00	0.00	0.00	0.00	0.00
P-1051	J-847	J-848	17.54	0.01	0.00	0.10	0.01	0.01
P-1052	J-848	J-849	0.00	0.00	0.00	0.00	0.00	0.00
P-1053	J-848	J-851	17.54	0.01	0.00	0.10	0.01	0.01
P-1054	J-850	J-851	17.52	0.00	0.00	0.05	0.00	0.00
P-1055	J-842	J-850	17.52	0.00	0.00	0.05	0.00	0.00
P-1056	J-850	J-853	0.00	0.00	0.00	0.00	0.00	0.00
P-1057	J-852	J-847	17.54	0.00	0.00	0.05	0.00	0.00
P-1058	J-854	J-852	63.17	0.01	0.00	0.17	0.01	0.01
P-1059	J-915	J-854	66.33	0.00	0.00	0.04	0.00	0.00
P-106	J-98	J-95	30.58	0.04	0.00	0.20	0.05	0.05
P-1060	J-842	J-855	28.11	0.04	0.00	0.18	0.04	0.04
P-1061	J-855	J-856	0.00	0.00	0.00	0.00	0.00	0.00
P-1062	J-855	J-858	28.11	0.01	0.00	0.16	0.02	0.02
P-1063	J-858	J-859	28.11	0.06	0.00	0.32	0.16	0.16
P-1064	J-859	J-857	0.00	0.00	0.00	0.00	0.00	0.00
P-1065	J-859	J-1915	28.11	0.07	0.00	0.32	0.16	0.16
P-1066	J-860	J-1831	202.13	0.01	0.00	0.42	0.10	0.10
P-1067	J-813	J-861	7.82	0.00	0.00	0.05	0.00	0.00
P-1068	J-808	J-863	49.89	0.01	0.00	0.14	0.02	0.02
P-1069	J-862	J-863	7.82	0.00	0.00	0.09	0.01	0.01
P-107	T-127	J-97	563.79	0.08	0.00	1.60	1.43	1.43
P-1070	J-865	J-862	7.82	0.01	0.00	0.09	0.01	0.01
P-1071	J-812	J-864	11.90	0.00	0.00	0.03	0.00	0.00
P-1072	J-864	J-866	0.00	0.00	0.00	0.00	0.00	0.00
P-1073	J-809	J-867	0.00	0.00	0.00	0.00	0.00	0.00
P-1074	J-809	J-868	0.00	0.00	0.00	0.00	0.00	0.00
P-1075	J-868	J-869	0.00	0.00	0.00	0.00	0.00	0.00
P-1076	J-868	J-1951	0.00	0.00	0.00	0.00	0.00	0.00
P-1077	J-871	J-870	0.00	0.00	0.00	0.00	0.00	0.00
P-1078	J-871	J-872	0.00	0.00	0.00	0.00	0.00	0.00
P-1079	J-872	J-874	0.00	0.00	0.00	0.00	0.00	0.00
P-108	J-97	J-103	29.75	0.00	0.00	0.08	0.01	0.01
P-1080	J-870	J-877	0.00	0.00	0.00	0.00	0.00	0.00
P-1081	J-873	J-875	0.00	0.00	0.00	0.00	0.00	0.00
P-1082	J-873	J-876	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-1083	J-877	J-873	0.00	0.00	0.00	0.00	0.00	0.00
P-1084	J-877	J-878	0.00	0.00	0.00	0.00	0.00	0.00
P-1085	J-878	J-1953	0.00	0.00	0.00	0.00	0.00	0.00
P-1086	J-880	J-879	0.00	0.00	0.00	0.00	0.00	0.00
P-1087	J-880	J-2003	0.00	0.00	0.00	0.00	0.00	0.00
P-1088	J-882	J-880	0.00	0.00	0.00	0.00	0.00	0.00
P-1089	J-882	J-884	0.00	0.00	0.00	0.00	0.00	0.00
P-109	J-100	J-99	0.00	0.00	0.00	0.00	0.00	0.00
P-1090	J-884	J-883	0.00	0.00	0.00	0.00	0.00	0.00
P-1091	J-884	J-885	0.00	0.00	0.00	0.00	0.00	0.00
P-1092	J-885	T-Rose	0.00	0.00	0.00	0.00	0.00	0.00
P-1093	J-885	J-886	0.00	0.00	0.00	0.00	0.00	0.00
P-1094	J-886	J-895	0.00	0.00	0.00	0.00	0.00	0.00
P-1095	J-709	J-881	0.00	0.00	0.00	0.00	0.00	0.00
P-1096	J-887	J-888	0.00	0.00	0.00	0.00	0.00	0.00
P-1097	J-889	J-1955	0.00	0.00	0.00	0.00	0.00	0.00
P-1098	J-889	J-107	0.00	0.00	0.00	0.00	0.00	0.00
P-1099	J-890	J-892	0.00	0.00	0.00	0.00	0.00	0.00
P-11	J-10	J-345	167.70	0.32	0.00	0.48	0.15	0.15
P-110	J-100	J-101	0.00	0.00	0.00	0.00	0.00	0.00
P-1100	J-892	J-893	0.00	0.00	0.00	0.00	0.00	0.00
P-1101	J-892	J-895	0.00	0.00	0.00	0.00	0.00	0.00
P-1102	J-895	I-RV-3	0.00	0.00	0.00	0.00	0.00	0.00
P-1103	J-890	J-894	0.00	0.00	0.00	0.00	0.00	0.00
P-1104	J-894	J-896	0.00	0.00	0.00	0.00	0.00	0.00
P-1105	J-894	J-914	0.00	0.00	0.00	0.00	0.00	0.00
P-1106	J-898	J-897	0.00	0.00	0.00	0.00	0.00	0.00
P-1107	J-898	J-900	0.00	0.00	0.00	0.00	0.00	0.00
P-1108	J-900	J-899	0.00	0.00	0.00	0.00	0.00	0.00
P-1109	J-900	J-902	0.00	0.00	0.00	0.00	0.00	0.00
P-111	J-102	J-100	0.00	0.00	0.00	0.00	0.00	0.00
P-1110	J-890	J-901	0.00	0.00	0.00	0.00	0.00	0.00
P-1111	J-901	J-903	0.00	0.00	0.00	0.00	0.00	0.00
P-1112	J-901	J-905	0.00	0.00	0.00	0.00	0.00	0.00
P-1113	J-905	J-909	0.00	0.00	0.00	0.00	0.00	0.00
P-1114	J-906	J-905	0.00	0.00	0.00	0.00	0.00	0.00
P-1115	J-948	J-906	0.00	0.00	0.00	0.00	0.00	0.00
P-1116	J-904	J-1788	1127.66	0.91	0.00	1.07	0.25	0.25
P-1117	J-910	J-948	0.00	0.00	0.00	0.00	0.00	0.00
P-1118	J-908	J-910	0.00	0.00	0.00	0.00	0.00	0.00
P-1119	J-1789	I-RV-1	0.00	0.00	0.00	0.00	0.00	0.00
P-112	J-103	J-104	29.75	0.02	0.00	0.19	0.04	0.04
P-1120	J-909	J-910	0.00	0.00	0.00	0.00	0.00	0.00
P-1121	J-909	J-911	0.00	0.00	0.00	0.00	0.00	0.00
P-1122	J-911	I-RV-4	0.00	0.00	0.00	0.00	0.00	0.00
P-1123	J-912	J-913	0.00	0.00	0.00	0.00	0.00	0.00
P-1124	J-914	J-898	0.00	0.00	0.00	0.00	0.00	0.00
P-1125	J-914O-Pump-Mil		0.00	0.00	0.00	0.00	0.00	0.00
P-1126	I-Pump-Mil	J-891	0.00	0.00	0.00	0.00	0.00	0.00
P-1127	J-776	J-915	66.33	0.00	0.00	0.04	0.00	0.00
P-1128	J-915	J-918	0.00	0.00	0.00	0.00	0.00	0.00
P-1129	J-918	J-917	0.00	0.00	0.00	0.00	0.00	0.00
P-113	J-104	J-102	0.00	0.00	0.00	0.00	0.00	0.00
P-1130	J-918	J-919	0.00	0.00	0.00	0.00	0.00	0.00
P-1131	J-919	J-1397	0.03	0.00	0.00	0.00	0.00	0.00
P-1132	J-917	J-920	0.00	0.00	0.00	0.00	0.00	0.00
P-1133	J-920	J-921	0.00	0.00	0.00	0.00	0.00	0.00

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P-1134	J-921	I-RV-2	0.00	0.00	0.00	0.00	0.00	0.00
P-1135	O-RV-2	J-923	0.00	0.00	0.00	0.00	0.00	0.00
P-1136	J-923	J-891	0.00	0.00	0.00	0.00	0.00	0.00
P-1137	J-924	J-810	0.00	0.00	0.00	0.00	0.00	0.00
P-1138	J-926	J-841	3.16	0.03	0.00	0.08	0.01	0.01
P-1139	J-854	J-926	3.16	0.00	0.00	0.00	0.00	0.00
P-114	J-104	J-259	29.75	0.05	0.00	0.19	0.04	0.04
P-1140	J-922	J-1851	0.00	0.00	0.00	0.00	0.00	0.00
P-1141	J-922	J-1933	0.00	0.00	0.00	0.00	0.00	0.00
P-1142	J-928	J-927	0.00	0.00	0.00	0.00	0.00	0.00
P-1143	J-929	J-928	0.00	0.00	0.00	0.00	0.00	0.00
P-1144	J-929	J-934	0.15	0.00	0.00	0.00	0.00	0.00
P-1145	J-931	J-930	0.00	0.00	0.00	0.00	0.00	0.00
P-1146	J-931	J-933	0.09	0.00	0.00	0.00	0.00	0.00
P-1147	J-933	J-932	0.00	0.00	0.00	0.00	0.00	0.00
P-1148	J-933	J-935	0.09	0.00	0.00	0.00	0.00	0.00
P-1149	J-935	J-936	0.09	0.00	0.00	0.00	0.00	0.00
P-115	J-1254	J-105	534.04	0.53	0.00	1.51	1.29	1.29
P-1150	J-934	J-931	0.09	0.00	0.00	0.00	0.00	0.00
P-1151	J-934	J-936	0.07	0.00	0.00	0.00	0.00	0.00
P-1152	J-936	J-929	0.15	0.00	0.00	0.00	0.00	0.00
P-1153	J-937	J-939	0.00	0.00	0.00	0.00	0.00	0.00
P-1154	J-939	J-935	0.00	0.00	0.00	0.00	0.00	0.00
P-1155	J-938	J-939	0.00	0.00	0.00	0.00	0.00	0.00
P-1156	J-938	J-940	0.00	0.00	0.00	0.00	0.00	0.00
P-1157	J-941	J-938	0.00	0.00	0.00	0.00	0.00	0.00
P-1158	J-941	J-943	0.00	0.00	0.00	0.00	0.00	0.00
P-1159	J-942	J-941	0.00	0.00	0.00	0.00	0.00	0.00
P-116	J-105	J-372	133.54	0.57	0.00	0.85	0.71	0.71
P-1160	J-942	J-944	0.00	0.00	0.00	0.00	0.00	0.00
P-1161	J-945	J-942	0.00	0.00	0.00	0.00	0.00	0.00
P-1162	J-945	J-947	0.00	0.00	0.00	0.00	0.00	0.00
P-1163	J-809	J-108	0.00	0.00	0.00	0.00	0.00	0.00
P-1164	J-946	J-1790	1127.66	0.27	0.00	1.07	0.25	0.25
P-1165	J-907	J-1786	53.71	16.37	0.00	1.32	1.90	1.90
P-1166	J-112	J-907	34.78	0.00	0.00	0.10	0.01	0.01
P-1167	J-951	J-953	0.00	0.00	0.00	0.00	0.00	0.00
P-1168	J-953	J-952	0.00	0.00	0.00	0.00	0.00	0.00
P-1169	J-953	J-1792	0.00	0.00	0.00	0.00	0.00	0.00
P-117	J-400	J-1812	0.00	0.00	0.00	0.00	0.00	0.00
P-1170	J-955	J-957	0.00	0.00	0.00	0.00	0.00	0.00
P-1171	J-1786	J-954	53.71	3.90	0.00	1.32	1.90	1.90
P-1172	J-957	J-1782	1900.00	2.55	0.00	2.82	1.99	1.99
P-1173	J-954	J-957	53.71	0.33	0.00	1.32	1.90	1.90
P-1174	J-960	J-956	673.64	0.24	0.00	1.00	0.29	0.29
P-1175	J-958	J-956	8.09	0.00	0.00	0.20	0.06	0.06
P-1176	J-958	J-956	8.09	0.00	0.00	0.20	0.06	0.06
P-1177	J-959	J-958	19.06	0.23	0.00	0.47	0.28	0.28
P-1178	J-984	J-960	695.80	0.58	0.00	1.11	0.52	0.52
P-1179	J-1012	J-958	16.04	0.12	0.00	0.40	0.20	0.20
P-118	J-115	J-114	48.12	0.32	0.00	0.31	0.11	0.11
P-1180	J-960	J-959	22.16	0.01	0.00	0.55	0.37	0.37
P-1181	J-1928	J-961	772.34	0.39	0.00	1.23	0.63	0.63
P-1182	J-961	J-963	95.11	0.06	0.00	0.61	0.38	0.38
P-1183	J-963	J-962	61.24	0.07	0.00	0.39	0.17	0.17
P-1184	J-962	J-1858	42.10	0.09	0.00	0.27	0.08	0.08
P-1185	J-962	J-964	0.00	0.00	0.00	0.00	0.00	0.00

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P-1186	J-962	J-970	19.15	0.02	0.00	0.22	0.08	0.08
P-1187	J-963	J-966	33.87	0.16	0.00	0.22	0.06	0.06
P-1188	J-965	J-966	19.15	0.02	0.00	0.22	0.08	0.08
P-1189	J-965	J-967	0.00	0.00	0.00	0.00	0.00	0.00
P-119	J-1809	J-1810	0.00	0.00	0.00	0.00	0.00	0.00
P-1190	J-968	J-965	19.15	0.02	0.00	0.22	0.08	0.08
P-1191	J-968	J-969	0.00	0.00	0.00	0.00	0.00	0.00
P-1192	J-970	J-968	19.15	0.02	0.00	0.22	0.08	0.08
P-1193	J-970	J-971	0.00	0.00	0.00	0.00	0.00	0.00
P-1194	J-973	J-972	63.60	0.04	0.00	0.37	0.10	0.10
P-1195	J-975	J-973	63.60	0.14	0.00	0.41	0.18	0.18
P-1196	J-973	J-976	0.00	0.00	0.00	0.00	0.00	0.00
P-1197	J-974	J-975	63.60	0.14	0.00	0.41	0.18	0.18
P-1198	J-975	J-977	0.00	0.00	0.00	0.00	0.00	0.00
P-1199	J-1858	J-974	95.11	0.08	0.00	0.55	0.22	0.22
P-12	J-11	J-12	0.00	0.00	0.00	0.00	0.00	0.00
P-120	J-108	J-684	0.00	0.00	0.00	0.00	0.00	0.00
P-1200	J-974	J-979	31.51	0.01	0.00	0.20	0.05	0.05
P-1201	J-979	J-982	22.35	0.01	0.00	0.14	0.03	0.03
P-1202	J-979	J-982	9.16	0.01	0.00	0.05	0.00	0.00
P-1203	J-982	J-980	31.51	0.00	0.00	0.20	0.05	0.05
P-1204	J-954	J-1781	0.00	0.00	0.00	0.00	0.00	0.00
P-1205	J-980	J-981	31.51	0.00	0.00	0.08	0.00	0.00
P-1206	J-961	J-981	677.22	0.33	0.00	1.08	0.49	0.49
P-1207	J-981	J-984	708.73	0.14	0.00	1.13	0.54	0.54
P-1208	J-984	J-985	12.94	0.00	0.00	0.03	0.00	0.00
P-1209	J-985	J-992	12.94	0.00	0.00	0.15	0.02	0.02
P-121	J-1819	J-1823	0.00	0.00	0.00	0.00	0.00	0.00
P-1210	J-985	J-987	0.00	0.00	0.00	0.00	0.00	0.00
P-1211	J-986	J-988	12.94	0.59	0.00	0.54	0.50	0.50
P-1212	J-986	J-989	0.00	0.00	0.00	0.00	0.00	0.00
P-1213	J-959	J-988	3.10	0.00	0.00	0.08	0.01	0.01
P-1214	J-990	J-992	0.00	0.00	0.00	0.00	0.00	0.00
P-1215	J-992	J-986	12.94	0.00	0.00	0.15	0.02	0.02
P-1216	J-987	J-996	0.02	0.00	0.00	0.00	0.00	0.00
P-1217	J-993	J-987	0.02	0.00	0.00	0.00	0.00	0.00
P-1218	J-995	J-993	0.02	0.00	0.00	0.00	0.00	0.00
P-1219	J-682	I-P-G5	0.00	0.00	0.00	0.00	0.00	0.00
P-122	J-776	J-110	1157.27	0.23	0.00	0.76	0.11	0.11
P-1220	J-996	J-1001	0.03	0.00	0.00	0.00	0.00	0.00
P-1221	J-1003	J-996	0.01	0.00	0.00	0.00	0.00	0.00
P-1222	J-997	J-998	0.00	0.00	0.00	0.00	0.00	0.00
P-1223	J-997	J-999	0.05	0.00	0.00	0.00	0.00	0.00
P-1224	J-999	J-1000	0.04	0.00	0.00	0.00	0.00	0.00
P-1225	J-1001	J-991	0.02	0.00	0.00	0.00	0.00	0.00
P-1226	J-1001	J-1000	0.01	0.00	0.00	0.00	0.00	0.00
P-1227	J-1000	J-1003	0.05	0.00	0.00	0.00	0.00	0.00
P-1228	J-1003	J-1006	0.04	0.00	0.00	0.00	0.00	0.00
P-1229	J-999	J-1002	0.01	0.00	0.00	0.00	0.00	0.00
P-123	J-114	J-40	0.00	0.00	0.00	0.00	0.00	0.00
P-1230	J-1004	J-997	0.05	0.00	0.00	0.00	0.00	0.00
P-1231	J-1004	J-1002	0.01	0.00	0.00	0.00	0.00	0.00
P-1232	J-1002	J-1011	0.02	0.00	0.00	0.00	0.00	0.00
P-1233	J-1006	J-1007	0.08	0.00	0.00	0.00	0.00	0.00
P-1234	J-1005	J-1004	0.06	0.00	0.00	0.00	0.00	0.00
P-1235	J-1005	J-1010	0.02	0.00	0.00	0.00	0.00	0.00
P-1236	J-1007	J-1009	0.09	0.00	0.00	0.00	0.00	0.00

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P-1237	J-1008	J-1007	0.02	0.00	0.00	0.00	0.00	0.00
P-1238	J-1009	J-1005	0.07	0.00	0.00	0.00	0.00	0.00
P-1239	J-1010	J-1008	0.02	0.00	0.00	0.00	0.00	0.00
P-124	J-109	J-114	29.77	0.03	0.00	0.19	0.04	0.04
P-1240	J-1009	J-1010	0.02	0.00	0.00	0.00	0.00	0.00
P-1241	J-1011	J-1006	0.03	0.00	0.00	0.00	0.00	0.00
P-1242	J-1010	J-1011	0.02	0.00	0.00	0.00	0.00	0.00
P-1243	J-988	J-1012	16.04	0.11	0.00	0.40	0.20	0.20
P-1244	J-1012	J-1014	0.00	0.00	0.00	0.00	0.00	0.00
P-1245	J-1013	J-945	0.00	0.00	0.00	0.00	0.00	0.00
P-1246	J-1013	J-1016	0.00	0.00	0.00	0.00	0.00	0.00
P-1247	J-1015	J-1013	0.00	0.00	0.00	0.00	0.00	0.00
P-1248	J-1015	J-1018	0.00	0.00	0.00	0.00	0.00	0.00
P-1249	J-1017	J-1922	36.25	0.01	0.00	0.10	0.01	0.01
P-125	J-110	J-904	1127.66	0.12	0.00	1.07	0.25	0.25
P-1250	J-1017	J-1019	0.00	0.00	0.00	0.00	0.00	0.00
P-1251	J-1019	J-1020	0.00	0.00	0.00	0.00	0.00	0.00
P-1252	J-1019	J-1022	0.00	0.00	0.00	0.00	0.00	0.00
P-1253	J-1021	J-1017	36.25	0.00	0.00	0.10	0.01	0.01
P-1254	J-1021	J-1023	0.00	0.00	0.00	0.00	0.00	0.00
P-1255	J-1023	J-1024	0.00	0.00	0.00	0.00	0.00	0.00
P-1256	J-1927	J-1026	0.00	0.00	0.00	0.00	0.00	0.00
P-1257	J-1924	J-1025	772.34	0.12	0.00	0.73	0.13	0.13
P-1258	J-1026	J-1027	0.00	0.00	0.00	0.00	0.00	0.00
P-1259	J-1028	J-780	238.18	0.18	0.00	0.68	0.29	0.29
P-126	J-115	J-109	85.42	0.29	0.00	0.55	0.31	0.31
P-1260	J-1028	J-1029	0.00	0.00	0.00	0.00	0.00	0.00
P-1261	J-1031	J-775	0.00	0.00	0.00	0.00	0.00	0.00
P-1262	J-1307	J-1030	22.99	0.00	0.00	0.26	0.11	0.11
P-1263	J-1030	J-1032	28.44	0.02	0.00	0.32	0.17	0.17
P-1264	J-1032	J-1033	0.00	0.00	0.00	0.00	0.00	0.00
P-1265	J-1032	J-1752	28.44	0.03	0.00	0.29	0.09	0.09
P-1266	J-1073	J-1034	32.44	0.12	0.00	0.37	0.21	0.21
P-1267	J-1035	J-1034	28.44	0.02	0.00	0.32	0.17	0.17
P-1268	J-1035	J-1036	0.00	0.00	0.00	0.00	0.00	0.00
P-1269	J-1037	J-777	0.00	0.00	0.00	0.00	0.00	0.00
P-127	J-109	J-116	55.65	0.02	0.00	0.36	0.14	0.14
P-1270	J-1037	J-1039	0.00	0.00	0.00	0.00	0.00	0.00
P-1271	J-1038	J-779	238.18	0.12	0.00	0.68	0.29	0.29
P-1272	J-1038	J-1041	0.00	0.00	0.00	0.00	0.00	0.00
P-1273	J-1040	J-1038	238.18	0.18	0.00	0.68	0.29	0.29
P-1274	J-1040	J-1042	0.00	0.00	0.00	0.00	0.00	0.00
P-1275	J-1043	J-1040	238.18	0.07	0.00	0.68	0.29	0.29
P-1276	J-1043	J-1044	0.00	0.00	0.00	0.00	0.00	0.00
P-1277	J-1045	J-1050	0.00	0.00	0.00	0.00	0.00	0.00
P-1278	J-1045	J-484	0.00	0.00	0.00	0.00	0.00	0.00
P-1279	J-773	J-1046	0.00	0.00	0.00	0.00	0.00	0.00
P-128	J-116	J-118	55.65	0.07	0.00	0.36	0.14	0.14
P-1280	J-1048	J-773	0.00	0.00	0.00	0.00	0.00	0.00
P-1281	J-1048	J-1052	0.01	0.00	0.00	0.00	0.00	0.00
P-1282	J-1050	J-1048	0.01	0.00	0.00	0.00	0.00	0.00
P-1283	J-183	J-1049	5.05	0.00	0.00	0.01	0.00	0.00
P-1284	J-1051	J-1050	0.01	0.00	0.00	0.00	0.00	0.00
P-1285	J-1051	J-1053	0.06	0.00	0.00	0.00	0.00	0.00
P-1286	J-1052	J-1051	0.08	0.00	0.00	0.00	0.00	0.00
P-1287	J-1053	J-1052	0.06	0.00	0.00	0.00	0.00	0.00
P-1288	J-1053	J-1054	0.00	0.00	0.00	0.00	0.00	0.00

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P-1289	J-1045	J-1055	0.00	0.00	0.00	0.00	0.00	0.00
P-129	J-114	J-118	77.89	0.06	0.00	0.22	0.04	0.04
P-1290	J-1055	J-1058	0.05	0.00	0.00	0.00	0.00	0.00
P-1291	J-1056	J-1055	0.05	0.00	0.00	0.00	0.00	0.00
P-1292	J-1056	J-1057	0.05	0.00	0.00	0.00	0.00	0.00
P-1293	J-1058	J-1056	0.10	0.00	0.00	0.00	0.00	0.00
P-1294	J-1057	J-1058	0.05	0.00	0.00	0.00	0.00	0.00
P-1295	J-1057	J-1059	0.00	0.00	0.00	0.00	0.00	0.00
P-1296	J-1060	J-1108	0.00	0.00	0.00	0.00	0.00	0.00
P-1297	J-1061	J-1389	19.48	0.02	0.00	0.20	0.05	0.05
P-1298	J-1061	J-1062	8.82	0.01	0.00	0.09	0.01	0.01
P-1299	J-1064	J-1387	51.46	0.08	0.00	0.33	0.12	0.12
P-13	J-11	J-13	0.00	0.00	0.00	0.00	0.00	0.00
P-130	J-117	J-366	0.00	0.00	0.00	0.00	0.00	0.00
P-1300	J-1064	J-1083	12.46	0.05	0.00	0.14	0.04	0.04
P-1301	J-1065	J-1082	0.00	0.00	0.00	0.00	0.00	0.00
P-1302	J-1070	J-1065	3.74	0.00	0.00	0.04	0.00	0.00
P-1303	J-1068	J-1301	4.66	0.02	0.00	0.12	0.05	0.05
P-1304	J-1069	J-1068	8.01	0.07	0.00	0.20	0.13	0.13
P-1305	J-1747	J-1070	18.89	0.08	0.00	0.21	0.08	0.08
P-1306	J-453	J-1751	0.00	0.00	0.00	0.00	0.00	0.00
P-1307	J-1068	J-1070	3.35	0.00	0.00	0.04	0.00	0.00
P-1308	J-1070	J-1074	18.51	0.03	0.00	0.19	0.04	0.04
P-1309	J-1329	J-1074	0.00	0.00	0.00	0.00	0.00	0.00
P-131	J-119	J-732	328.90	0.55	0.00	0.93	0.53	0.53
P-1310	J-1074	J-1076	18.51	0.00	0.00	0.21	0.07	0.07
P-1311	J-1120	J-1122	55.36	0.41	0.00	0.57	0.32	0.32
P-1312	J-1302	J-771	99.10	0.05	0.00	0.26	0.03	0.03
P-1313	J-1076	J-1926	11.16	0.01	0.00	0.13	0.03	0.03
P-1314	J-1076	J-1309	7.35	0.01	0.00	0.08	0.01	0.01
P-1315	J-1078	J-1079	0.00	0.00	0.00	0.00	0.00	0.00
P-1316	J-1080	J-1078	2.16	0.00	0.00	0.02	0.00	0.00
P-1317	J-1081	J-1323	63.95	0.00	0.00	0.09	0.00	0.00
P-1318	J-1080	J-1328	14.04	0.02	0.00	0.15	0.03	0.03
P-1319	J-1083	J-1080	16.20	0.03	0.00	0.18	0.06	0.06
P-132	J-119	J-120	115.89	0.01	0.00	0.67	0.31	0.31
P-1320	J-1065	J-1083	3.74	0.00	0.00	0.04	0.00	0.00
P-1321	J-1082	J-1066	0.00	0.00	0.00	0.00	0.00	0.00
P-1322	J-1082	J-1085	0.00	0.00	0.00	0.00	0.00	0.00
P-1323	J-1071	J-1101	47.45	0.10	0.00	0.30	0.10	0.10
P-1324	J-1071	J-1084	26.90	0.06	0.00	0.31	0.15	0.15
P-1325	J-1084	J-1087	0.00	0.00	0.00	0.00	0.00	0.00
P-1326	J-1094	J-1086	26.90	0.04	0.00	0.31	0.15	0.15
P-1327	J-1086	J-1089	0.00	0.00	0.00	0.00	0.00	0.00
P-1328	J-1086	J-1088	26.90	0.01	0.00	0.31	0.15	0.15
P-1329	J-1088	J-1090	0.00	0.00	0.00	0.00	0.00	0.00
P-133	J-120	J-121	0.00	0.00	0.00	0.00	0.00	0.00
P-1330	J-1088	J-1091	26.90	0.05	0.00	0.31	0.15	0.15
P-1331	J-1091	J-1092	0.00	0.00	0.00	0.00	0.00	0.00
P-1332	J-1091	J-1093	26.90	0.05	0.00	0.31	0.15	0.15
P-1333	J-1093	J-1095	9.04	0.03	0.00	0.10	0.02	0.02
P-1334	J-1093	J-1095	17.86	0.03	0.00	0.20	0.07	0.07
P-1335	J-1084	J-1094	26.90	0.01	0.00	0.31	0.15	0.15
P-1336	J-1094	J-1097	0.00	0.00	0.00	0.00	0.00	0.00
P-1337	J-1096	J-1336	63.92	0.14	0.00	0.41	0.18	0.18
P-1338	J-1096	J-1099	0.00	0.00	0.00	0.00	0.00	0.00
P-1339	J-1099	J-1098	0.00	0.00	0.00	0.00	0.00	0.00

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P-134	J-121	J-122	0.00	0.00	0.00	0.00	0.00	0.00
P-1340	J-1099	J-1100	0.07	0.00	0.00	0.00	0.00	0.00
P-1341	J-1100	J-1099	0.07	0.00	0.00	0.00	0.00	0.00
P-1342	J-1100	J-1102	0.00	0.00	0.00	0.00	0.00	0.00
P-1343	J-1101	J-1096	63.92	0.06	0.00	0.41	0.18	0.18
P-1344	J-1103	J-1101	16.47	0.01	0.00	0.19	0.06	0.06
P-1345	J-1104	J-1340	495.57	0.18	0.00	0.79	0.28	0.28
P-1346	J-1104	J-1105	22.36	0.11	0.00	0.25	0.11	0.11
P-1347	J-1344	J-1103	15.08	0.02	0.00	0.17	0.05	0.05
P-1348	J-1107	J-1103	1.39	0.00	0.00	0.02	0.00	0.00
P-1349	J-1345	J-1106	16.47	0.02	0.00	0.19	0.06	0.06
P-135	J-121	J-124	0.00	0.00	0.00	0.00	0.00	0.00
P-1350	J-1106	J-1350	1.39	0.00	0.00	0.02	0.00	0.00
P-1351	J-1108	J-1071	74.35	0.09	0.00	0.47	0.24	0.24
P-1352	J-1122	J-1108	74.35	0.20	0.00	0.84	0.98	0.98
P-1353	J-1111	J-1123	700.65	0.14	0.00	1.12	0.53	0.53
P-1354	J-1110	J-1111	32.31	0.02	0.00	0.37	0.21	0.21
P-1355	J-1112	J-1110	51.31	0.26	0.00	0.58	0.49	0.49
P-1356	J-1121	J-1112	31.13	0.14	0.00	0.35	0.20	0.20
P-1357	J-1113	J-1112	20.18	0.04	0.00	0.23	0.09	0.09
P-1358	J-1114	J-1113	1.14	0.00	0.00	0.01	0.00	0.00
P-1359	J-1114	J-1120	13.61	0.05	0.00	0.15	0.04	0.04
P-136	J-369	J-123	59.77	0.16	0.00	0.38	0.16	0.16
P-1360	J-1115	J-1114	14.75	0.05	0.00	0.17	0.05	0.05
P-1361	J-1117	J-1115	39.91	0.35	0.00	0.45	0.31	0.31
P-1362	J-1116	J-1111	668.33	0.77	0.00	1.07	0.48	0.48
P-1363	J-1116	J-1117	106.67	0.06	0.00	1.21	1.91	1.91
P-1364	J-1117	J-1118	66.76	0.27	0.00	0.76	0.80	0.80
P-1365	J-1118	J-1119	35.63	0.05	0.00	0.40	0.25	0.25
P-1366	J-1119	J-1113	19.05	0.08	0.00	0.22	0.08	0.08
P-1367	J-1119	J-1115	16.59	0.03	0.00	0.19	0.06	0.06
P-1368	J-1115	J-1120	41.75	0.10	0.00	0.47	0.34	0.34
P-1369	J-674	J-2001	0.00	0.00	0.00	0.00	0.00	0.00
P-137	J-123	J-125	115.89	0.20	0.00	0.74	0.55	0.55
P-1370	J-1110	J-1122	19.00	0.16	0.00	0.22	0.08	0.08
P-1371	J-1118	J-1121	31.13	0.03	0.00	0.35	0.20	0.20
P-1372	J-1121	J-1124	0.00	0.00	0.00	0.00	0.00	0.00
P-1373	J-1124	J-1399	0.07	0.00	0.00	0.00	0.00	0.00
P-1374	J-1124	J-1125	0.00	0.00	0.00	0.00	0.00	0.00
P-1375	J-1123	J-1104	534.40	0.28	0.00	0.85	0.32	0.32
P-1376	J-1123	J-2000	166.25	1.08	0.00	1.06	1.07	1.07
P-1377	J-1126	J-1127	0.00	0.00	0.00	0.00	0.00	0.00
P-1378	J-1134	J-1126	47.28	0.06	0.00	0.54	0.42	0.42
P-1379	J-1129	J-1363	118.97	0.22	0.00	0.76	0.58	0.58
P-138	J-126	J-139	869.00	1.16	0.00	2.47	3.18	3.18
P-1380	J-1129	J-1131	4.09	0.00	0.00	0.03	0.00	0.00
P-1381	J-1818	I-P-H2	0.00	0.00	0.00	0.00	0.00	0.00
P-1382	J-916	J-552	211.75	0.00	0.00	0.44	0.11	0.11
P-1383	J-1131	J-1140	4.09	0.00	0.00	0.05	0.00	0.00
P-1384	J-1134	J-1128	0.00	0.00	0.00	0.00	0.00	0.00
P-1385	J-1132	J-1134	47.28	0.02	0.00	0.54	0.42	0.42
P-1386	J-1132	J-1141	0.00	0.00	0.00	0.00	0.00	0.00
P-1387	J-1136	J-1135	0.00	0.00	0.00	0.00	0.00	0.00
P-1388	J-1136	J-1137	0.00	0.00	0.00	0.00	0.00	0.00
P-1389	J-1138	J-1132	47.28	0.33	0.00	0.54	0.42	0.42
P-139	J-735	J-126	733.61	0.05	0.00	2.08	2.32	2.32
P-1390	J-1138	J-674	0.00	0.00	0.00	0.00	0.00	0.00

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P-1391	J-1140	J-1138	47.28	0.34	0.00	0.54	0.42	0.42
P-1392	J-1142	J-1140	43.19	1.17	0.00	0.49	0.36	0.36
P-1393	J-1142	J-1353	123.06	0.45	0.00	0.79	0.61	0.61
P-1394	J-1141	J-1136	0.00	0.00	0.00	0.00	0.00	0.00
P-1395	J-1141	J-1143	0.00	0.00	0.00	0.00	0.00	0.00
P-1396	J-1144	J-1172	105.08	0.13	0.00	0.67	0.46	0.46
P-1397	J-1144	J-1169	13.89	0.00	0.00	0.09	0.01	0.01
P-1398	J-1150	J-1146	38.64	0.01	0.00	0.22	0.04	0.04
P-1399	J-1154	J-1145	29.20	0.01	0.00	0.19	0.04	0.04
P-14	J-14	J-143	51.15	0.01	0.00	0.15	0.02	0.02
P-140	J-127	J-128	0.00	0.00	0.00	0.00	0.00	0.00
P-1400	J-1147	J-1156	28.98	0.09	0.00	0.33	0.17	0.17
P-1401	J-1149	J-1147	49.84	0.28	0.00	0.57	0.47	0.47
P-1402	J-1146	J-1148	7.59	0.00	0.00	0.05	0.00	0.00
P-1403	J-1145	J-1150	29.20	0.01	0.00	0.17	0.02	0.02
P-1404	J-1152	J-1150	9.44	0.01	0.00	0.11	0.02	0.02
P-1405	J-1152	J-1151	0.00	0.00	0.00	0.00	0.00	0.00
P-1406	J-1154	J-1152	9.44	0.01	0.00	0.11	0.02	0.02
P-1407	J-1197	J-1154	38.64	0.04	0.00	0.25	0.07	0.07
P-1408	J-1153	J-1148	28.98	0.04	0.00	0.30	0.10	0.10
P-1409	J-1153	J-1155	0.00	0.00	0.00	0.00	0.00	0.00
P-141	J-129	J-735	733.61	1.21	0.00	2.08	2.32	2.32
P-1410	J-1156	J-1153	28.98	0.03	0.00	0.30	0.10	0.10
P-1411	J-1146	J-1158	31.05	0.08	0.00	0.35	0.19	0.19
P-1412	J-1158	J-1157	0.00	0.00	0.00	0.00	0.00	0.00
P-1413	J-1158	J-1162	31.05	0.06	0.00	0.35	0.19	0.19
P-1414	J-1160	J-1159	0.00	0.00	0.00	0.00	0.00	0.00
P-1415	J-1160	J-1161	21.22	0.05	0.00	0.24	0.10	0.10
P-1416	J-1162	J-1160	21.22	0.02	0.00	0.24	0.10	0.10
P-1417	J-1162	J-1164	9.83	0.00	0.00	0.11	0.02	0.02
P-1418	J-1164	J-1163	0.00	0.00	0.00	0.00	0.00	0.00
P-1419	J-1164	J-1166	9.83	0.01	0.00	0.11	0.02	0.02
P-142	J-127	J-129	0.00	0.00	0.00	0.00	0.00	0.00
P-1420	J-1229	J-1165	36.57	0.02	0.00	0.23	0.06	0.06
P-1421	J-1165	J-1173	38.18	0.02	0.00	0.24	0.07	0.07
P-1422	J-1166	J-1161	60.30	0.06	0.00	0.38	0.16	0.16
P-1423	J-1161	J-1185	81.51	0.01	0.00	0.52	0.29	0.29
P-1424	J-1167	J-1168	0.00	0.00	0.00	0.00	0.00	0.00
P-1425	J-1167	J-1245	172.64	0.17	0.00	1.10	1.15	1.15
P-1426	J-1170	J-1167	172.64	0.41	0.00	1.10	1.15	1.15
P-1427	J-1170	J-1171	0.00	0.00	0.00	0.00	0.00	0.00
P-1428	J-1126	J-1172	47.28	0.17	0.00	0.54	0.42	0.42
P-1429	J-1169	J-1230	1.61	0.00	0.00	0.01	0.00	0.00
P-143	J-132	J-126	135.39	0.82	0.00	0.86	0.73	0.73
P-1430	J-1169	J-1176	12.28	0.00	0.00	0.08	0.01	0.01
P-1431	J-1173	J-1180	50.46	0.04	0.00	0.32	0.12	0.12
P-1432	J-1174	J-1173	12.28	0.02	0.00	0.14	0.03	0.03
P-1433	J-1175	J-1165	1.61	0.00	0.00	0.01	0.00	0.00
P-1434	J-1175	J-1177	0.00	0.00	0.00	0.00	0.00	0.00
P-1435	J-1176	J-1174	12.28	0.00	0.00	0.08	0.01	0.01
P-1436	J-1176	J-1179	0.00	0.00	0.00	0.00	0.00	0.00
P-1437	J-1173	J-1178	0.00	0.00	0.00	0.00	0.00	0.00
P-1438	J-1180	J-1181	50.46	0.02	0.00	0.32	0.12	0.12
P-1439	J-1180	J-1182	0.00	0.00	0.00	0.00	0.00	0.00
P-144	J-368	J-25	0.00	0.00	0.00	0.00	0.00	0.00
P-1440	J-1181	J-1166	50.46	0.00	0.00	0.32	0.12	0.12
P-1441	J-1181	J-1183	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-1442	J-1183	J-1184	0.00	0.00	0.00	0.00	0.00	0.00
P-1443	J-1183	J-1186	0.00	0.00	0.00	0.00	0.00	0.00
P-1444	J-1185	J-769	81.51	0.10	0.00	0.52	0.29	0.29
P-1445	J-1185	J-1187	0.00	0.00	0.00	0.00	0.00	0.00
P-1446	J-1187	J-1188	0.00	0.00	0.00	0.00	0.00	0.00
P-1447	J-1187	J-1189	0.00	0.00	0.00	0.00	0.00	0.00
P-1448	J-1190	J-1253	81.51	0.13	0.00	0.52	0.29	0.29
P-1449	J-1190	J-1191	0.00	0.00	0.00	0.00	0.00	0.00
P-145	J-130	J-133	0.00	0.00	0.00	0.00	0.00	0.00
P-1450	J-1192	J-1194	0.00	0.00	0.00	0.00	0.00	0.00
P-1451	J-1194	J-1193	0.00	0.00	0.00	0.00	0.00	0.00
P-1452	J-1194	J-1195	0.00	0.00	0.00	0.00	0.00	0.00
P-1453	J-1195	J-1249	0.00	0.00	0.00	0.00	0.00	0.00
P-1454	J-1200	J-1197	90.56	0.01	0.00	0.58	0.35	0.35
P-1455	J-1145	J-1196	0.00	0.00	0.00	0.00	0.00	0.00
P-1456	J-1197	J-1198	51.92	0.03	0.00	0.33	0.12	0.12
P-1457	J-1198	J-1199	0.00	0.00	0.00	0.00	0.00	0.00
P-1458	J-1216	J-1200	55.93	0.05	0.00	0.36	0.14	0.14
P-1459	J-1201	J-1200	34.63	0.15	0.00	0.39	0.24	0.24
P-146	J-132	J-130	0.00	0.00	0.00	0.00	0.00	0.00
P-1460	J-1201	J-1202	0.00	0.00	0.00	0.00	0.00	0.00
P-1461	J-1205	J-1201	34.63	0.14	0.00	0.39	0.24	0.24
P-1462	J-1204	J-1206	0.00	0.00	0.00	0.00	0.00	0.00
P-1463	J-1205	J-1204	0.00	0.00	0.00	0.00	0.00	0.00
P-1464	J-1204	J-1207	0.00	0.00	0.00	0.00	0.00	0.00
P-1465	J-1203	J-767	264.20	0.61	0.00	0.75	0.35	0.35
P-1466	J-1203	J-1208	84.91	0.29	0.00	0.54	0.31	0.31
P-1467	J-1208	J-1210	84.91	0.08	0.00	0.54	0.31	0.31
P-1468	J-1208	J-1211	0.00	0.00	0.00	0.00	0.00	0.00
P-1469	J-1210	J-1209	84.91	0.03	0.00	0.54	0.31	0.31
P-147	J-134	J-132	135.39	0.33	0.00	0.86	0.73	0.73
P-1470	J-1210	J-1213	0.00	0.00	0.00	0.00	0.00	0.00
P-1471	J-1209	J-1149	84.91	0.26	0.00	0.96	1.25	1.25
P-1472	J-1149	J-1214	35.08	0.14	0.00	0.40	0.24	0.24
P-1473	J-1214	J-1212	0.00	0.00	0.00	0.00	0.00	0.00
P-1474	J-1214	J-1216	35.08	0.16	0.00	0.40	0.24	0.24
P-1475	J-1147	J-1216	20.85	0.02	0.00	0.13	0.02	0.02
P-1476	J-1201	J-1217	0.00	0.00	0.00	0.00	0.00	0.00
P-1477	J-1222	J-1205	34.63	0.03	0.00	0.22	0.06	0.06
P-1478	J-1215	J-1224	258.27	0.11	0.00	0.73	0.34	0.34
P-1479	J-1215	J-1218	34.63	0.02	0.00	0.22	0.06	0.06
P-148	J-447	J-296	0.00	0.00	0.00	0.00	0.00	0.00
P-1480	J-1218	J-1219	0.00	0.00	0.00	0.00	0.00	0.00
P-1481	J-1219	J-1220	0.00	0.00	0.00	0.00	0.00	0.00
P-1482	J-1220	J-1221	0.00	0.00	0.00	0.00	0.00	0.00
P-1483	J-1220	J-1223	0.00	0.00	0.00	0.00	0.00	0.00
P-1484	J-1218	J-1222	34.63	0.02	0.00	0.22	0.06	0.06
P-1485	J-1222	J-1225	0.00	0.00	0.00	0.00	0.00	0.00
P-1486	J-1224	J-768	258.27	0.04	0.00	0.73	0.34	0.34
P-1487	J-1224	J-1226	0.00	0.00	0.00	0.00	0.00	0.00
P-1488	J-1267	J-765	58.35	0.14	0.00	0.66	0.62	0.62
P-1489	J-1227	J-763	349.11	0.17	0.00	0.99	0.59	0.59
P-149	J-1	J-136	140.51	0.00	0.00	0.13	0.01	0.01
P-1490	J-1227	J-1228	53.61	1.19	0.00	0.61	0.53	0.53
P-1491	J-1228	J-767	28.70	0.01	0.00	0.18	0.04	0.04
P-1492	J-1148	J-1229	36.57	0.05	0.00	0.23	0.06	0.06
P-1493	J-1229	J-1231	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-1494	J-1230	J-1175	1.61	0.00	0.00	0.01	0.00	0.00
P-1495	J-1230	J-1233	0.00	0.00	0.00	0.00	0.00	0.00
P-1496	J-1172	J-1232	152.36	0.73	0.00	0.97	0.91	0.91
P-1497	J-1232	J-1234	0.00	0.00	0.00	0.00	0.00	0.00
P-1498	J-1234	J-1365	0.06	0.00	0.00	0.00	0.00	0.00
P-1499	J-1235	J-1234	0.06	0.00	0.00	0.00	0.00	0.00
P-15	J-14	J-149	198.15	0.10	0.00	0.56	0.21	0.21
P-150	J-1956	J-705	27.10	0.01	0.00	0.16	0.02	0.02
P-1500	J-1235	J-1236	0.00	0.00	0.00	0.00	0.00	0.00
P-1501	J-1237	J-1242	0.06	0.00	0.00	0.00	0.00	0.00
P-1502	J-1237	J-1239	0.00	0.00	0.00	0.00	0.00	0.00
P-1503	J-1239	J-1238	0.00	0.00	0.00	0.00	0.00	0.00
P-1504	J-1239	J-1240	0.00	0.00	0.00	0.00	0.00	0.00
P-1505	J-1241	J-1235	0.06	0.00	0.00	0.00	0.00	0.00
P-1506	J-1241	J-1243	0.06	0.00	0.00	0.00	0.00	0.00
P-1507	J-1242	J-1241	0.12	0.00	0.00	0.00	0.00	0.00
P-1508	J-1243	J-1242	0.06	0.00	0.00	0.00	0.00	0.00
P-1509	J-1243	J-1244	0.00	0.00	0.00	0.00	0.00	0.00
P-151	J-138	J-735	0.00	0.00	0.00	0.00	0.00	0.00
P-1510	J-1857	J-1245	152.36	0.43	0.00	0.97	0.91	0.91
P-1511	J-1245	J-1246	325.00	38.51	0.00	3.69	15.04	15.04
P-1512	J-1246	J-1247	325.00	1.56	0.00	3.69	15.04	15.04
P-1513	J-1246	J-1248	0.00	0.00	0.00	0.00	0.00	0.00
P-1514	J-1198	J-1249	51.92	0.14	0.00	0.33	0.12	0.12
P-1515	J-1249	J-1250	51.92	0.05	0.00	0.33	0.12	0.12
P-1516	J-1251	J-770	102.13	0.00	0.00	0.29	0.06	0.06
P-1517	J-1250	J-1252	28.07	0.00	0.00	0.18	0.04	0.04
P-1518	J-1250	J-770	23.85	0.00	0.00	0.15	0.03	0.03
P-1519	J-1251	J-1252	63.06	0.01	0.00	0.40	0.18	0.18
P-152	J-139	J-395	869.00	1.51	0.00	2.47	3.18	3.18
P-1520	J-1252	J-1253	91.13	0.38	0.00	0.58	0.35	0.35
P-1521	J-1253	J-1170	172.64	1.51	0.00	1.10	1.15	1.15
P-1522	J-770	J-1255	125.98	0.70	0.00	0.80	0.64	0.64
P-1523	J-1255	J-1825	113.58	0.11	0.00	0.72	0.53	0.53
P-1524	J-1255	J-1258	12.41	0.00	0.00	0.14	0.04	0.04
P-1525	J-1257	J-1256	39.86	0.05	0.00	0.45	0.31	0.31
P-1526	J-1257	J-1259	0.00	0.00	0.00	0.00	0.00	0.00
P-1527	J-1258	J-1257	39.86	0.20	0.00	0.45	0.31	0.31
P-1528	J-1261	J-1258	27.46	0.03	0.00	0.31	0.15	0.15
P-1529	J-1261	J-1260	0.00	0.00	0.00	0.00	0.00	0.00
P-153	J-139	J-141	0.00	0.00	0.00	0.00	0.00	0.00
P-1530	J-1262	J-1261	27.46	0.55	0.00	0.31	0.15	0.15
P-1531	J-1290	J-1262	27.46	0.06	0.00	0.31	0.15	0.15
P-1532	J-1262	J-1264	0.00	0.00	0.00	0.00	0.00	0.00
P-1533	J-1265	J-1263	0.00	0.00	0.00	0.00	0.00	0.00
P-1534	J-1286	J-1265	140.79	0.25	0.00	0.82	0.45	0.45
P-1535	J-1228	J-1267	24.90	0.06	0.00	0.28	0.13	0.13
P-1536	J-765	J-1291	106.61	0.09	0.00	0.62	0.27	0.27
P-1537	J-1268	J-1284	19.74	0.07	0.00	0.22	0.08	0.08
P-1538	J-1268	J-1266	116.01	0.10	0.00	1.32	2.23	2.23
P-1539	J-1266	J-1269	133.37	1.34	0.00	1.51	2.89	2.89
P-154	J-140	J-378	200.00	0.85	0.00	0.57	0.21	0.21
P-1540	J-1269	J-1270	104.50	0.65	0.00	1.19	1.84	1.84
P-1541	J-1270	J-1276	105.62	0.61	0.00	1.20	1.88	1.88
P-1542	J-1271	J-1270	1.13	0.00	0.00	0.01	0.00	0.00
P-1543	J-1278	J-1272	30.76	0.05	0.00	0.35	0.19	0.19
P-1544	J-1274	J-1272	7.79	0.53	0.00	0.63	1.78	1.78

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P-1545	J-1269	J-1273	28.87	0.12	0.00	0.33	0.17	0.17
P-1546	J-1273	J-1274	8.92	0.51	0.00	0.72	2.29	2.29
P-1547	J-1274	J-1271	1.13	0.02	0.00	0.09	0.05	0.05
P-1548	J-1272	J-1276	20.87	0.10	0.00	0.24	0.09	0.09
P-1549	J-1641	J-1276	12.57	0.01	0.00	0.14	0.04	0.04
P-155	J-140	J-1767	505.00	0.02	0.00	1.43	1.16	1.16
P-1550	J-1273	J-1275	19.96	0.04	0.00	0.23	0.09	0.09
P-1551	J-1990	J-1277	140.79	0.14	0.00	1.60	3.19	3.19
P-1552	J-1277	J-1275	163.19	1.50	0.00	1.85	4.20	4.20
P-1553	J-1275	J-1278	183.15	0.95	0.00	2.08	5.20	5.20
P-1554	J-1278	J-1280	152.39	0.22	0.00	0.97	0.91	0.91
P-1555	J-1280	J-1279	0.00	0.00	0.00	0.00	0.00	0.00
P-1556	J-1279	J-1281	0.00	0.00	0.00	0.00	0.00	0.00
P-1557	J-1279	J-1282	0.00	0.00	0.00	0.00	0.00	0.00
P-1558	J-1281	J-1283	0.00	0.00	0.00	0.00	0.00	0.00
P-1559	J-1281	J-1285	0.00	0.00	0.00	0.00	0.00	0.00
P-156	J-142	J-881	126.00	2.32	0.00	0.80	0.64	0.64
P-1560	J-1284	J-1277	22.40	0.03	0.00	0.25	0.11	0.11
P-1561	J-1991	J-1284	2.66	0.00	0.00	0.03	0.00	0.00
P-1562	J-1287	J-1268	135.75	0.12	0.00	0.79	0.42	0.42
P-1563	J-1289	J-1286	162.59	0.22	0.00	0.94	0.58	0.58
P-1564	J-1286	J-1288	21.80	0.06	0.00	0.23	0.06	0.06
P-1565	J-1288	J-1287	138.40	0.13	0.00	0.80	0.43	0.43
P-1566	J-1400	J-1289	172.59	0.23	0.00	1.00	0.65	0.65
P-1567	J-1289	J-1291	9.99	0.17	0.00	0.26	0.17	0.17
P-1568	J-1291	J-1288	116.60	0.12	0.00	0.68	0.31	0.31
P-1569	J-1290	J-1266	17.36	0.05	0.00	0.20	0.07	0.07
P-157	J-143	J-11	0.00	0.00	0.00	0.00	0.00	0.00
P-1570	J-1295	J-1290	44.82	0.43	0.00	0.51	0.38	0.38
P-1571	J-675	I-Pump-R	0.00	0.00	0.00	0.00	0.00	0.00
P-1572	O-Pump-R	J-35	0.00	0.00	0.00	0.00	0.00	0.00
P-1573	J-1295	J-1251	165.19	0.35	0.00	0.47	0.15	0.15
P-1574	J-1067	J-1336	0.00	0.00	0.00	0.00	0.00	0.00
P-1575	J-1294	J-1314	4.66	0.01	0.00	0.05	0.01	0.01
P-1576	J-1294	J-1298	0.00	0.00	0.00	0.00	0.00	0.00
P-1577	J-1298	J-1297	0.00	0.00	0.00	0.00	0.00	0.00
P-1578	J-1298	J-1300	0.00	0.00	0.00	0.00	0.00	0.00
P-1579	J-1299	J-1297	0.00	0.00	0.00	0.00	0.00	0.00
P-158	J-143	J-146	51.15	0.06	0.00	0.33	0.12	0.12
P-1580	J-1301	J-1294	4.66	0.02	0.00	0.12	0.05	0.05
P-1581	J-783	J-490	44.65	0.01	0.00	0.18	0.03	0.03
P-1582	J-1329	J-1312	0.00	0.00	0.00	0.00	0.00	0.00
P-1583	J-1302	J-1077	0.00	0.00	0.00	0.00	0.00	0.00
P-1584	J-1306	J-1328	9.51	0.01	0.00	0.10	0.01	0.01
P-1585	J-1078	J-1305	2.16	0.00	0.00	0.02	0.00	0.00
P-1586	J-1305	J-1306	7.13	0.00	0.00	0.07	0.01	0.01
P-1587	J-1561	J-1063	7.56	0.00	0.00	0.05	0.00	0.00
P-1588	J-1310	J-1306	2.39	0.00	0.00	0.02	0.00	0.00
P-1589	J-1303	J-1116	775.00	0.64	0.00	1.24	0.63	0.63
P-159	J-146	J-148	20.49	0.01	0.00	0.13	0.02	0.02
P-1590	J-1309	J-1305	4.97	0.00	0.00	0.06	0.01	0.01
P-1591	J-1309	J-1310	2.39	0.00	0.00	0.03	0.00	0.00
P-1592	J-1920	J-1918	0.00	0.00	0.00	0.00	0.00	0.00
P-1593	J-1073	J-1030	5.45	0.00	0.00	0.06	0.01	0.01
P-1594	J-1920	J-1304	0.00	0.00	0.00	0.00	0.00	0.00
P-1595	J-1329	J-1920	0.00	0.00	0.00	0.00	0.00	0.00
P-1596	J-802	J-1302	99.10	0.03	0.00	0.26	0.03	0.03

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P-1597	J-1313	J-1081	16.49	0.01	0.00	0.19	0.06	0.06
P-1598	J-1926	J-1314	11.16	0.01	0.00	0.13	0.03	0.03
P-1599	J-1314	J-1315	0.00	0.00	0.00	0.00	0.00	0.00
P-16	J-15	J-333	146.83	0.10	0.00	0.42	0.12	0.12
P-160	J-146	J-145	30.65	0.05	0.00	0.20	0.05	0.05
P-1600	J-1315	J-1316	0.00	0.00	0.00	0.00	0.00	0.00
P-1601	J-1315	J-1318	0.00	0.00	0.00	0.00	0.00	0.00
P-1602	J-1314	J-1317	15.81	0.01	0.00	0.10	0.01	0.01
P-1603	J-1319	J-183	5.05	0.00	0.00	0.01	0.00	0.00
P-1604	J-1317	J-1320	15.81	0.00	0.00	0.10	0.01	0.01
P-1605	J-1317	J-1321	0.00	0.00	0.00	0.00	0.00	0.00
P-1606	J-1320	J-1319	15.81	0.02	0.00	0.10	0.01	0.01
P-1607	J-1320	J-1322	0.00	0.00	0.00	0.00	0.00	0.00
P-1608	J-1323	J-1325	63.95	0.00	0.00	0.09	0.00	0.00
P-1609	J-1323	J-1538	0.00	0.00	0.00	0.00	0.00	0.00
P-161	J-145	J-147	51.15	0.04	0.00	0.33	0.12	0.12
P-1610	J-1325	J-1486	63.95	0.00	0.00	0.09	0.00	0.00
P-1611	J-1325	J-1326	0.00	0.00	0.00	0.00	0.00	0.00
P-1612	J-1326	J-1327	0.00	0.00	0.00	0.00	0.00	0.00
P-1613	J-1939	J-1073	37.89	0.00	0.00	0.10	0.01	0.01
P-1614	J-1328	J-1062	7.06	0.01	0.00	0.07	0.01	0.01
P-1615	J-806	J-1307	9.01	0.03	0.00	0.10	0.02	0.02
P-1616	J-863	J-1308	57.71	0.04	0.00	0.16	0.02	0.02
P-1617	J-1331	J-1061	28.30	0.01	0.00	0.18	0.04	0.04
P-1618	J-1331	J-1333	0.00	0.00	0.00	0.00	0.00	0.00
P-1619	J-1337	J-1067	0.00	0.00	0.00	0.00	0.00	0.00
P-162	J-148	J-145	20.49	0.03	0.00	0.13	0.02	0.02
P-1620	J-1334	J-1064	63.92	0.03	0.00	0.41	0.18	0.18
P-1621	J-1334	J-1993	0.00	0.00	0.00	0.00	0.00	0.00
P-1622	J-1336	J-1334	63.92	0.10	0.00	0.41	0.18	0.18
P-1623	J-1335	J-762	517.93	0.09	0.00	0.83	0.30	0.30
P-1624	J-1335	J-1332	0.00	0.00	0.00	0.00	0.00	0.00
P-1625	J-1338	J-1335	517.93	0.02	0.00	0.83	0.30	0.30
P-1626	J-1338	J-1339	0.00	0.00	0.00	0.00	0.00	0.00
P-1627	J-1340	J-1373	495.57	0.00	0.00	0.79	0.28	0.28
P-1628	J-1340	J-1342	0.00	0.00	0.00	0.00	0.00	0.00
P-1629	J-1342	J-1341	0.00	0.00	0.00	0.00	0.00	0.00
P-163	J-148	J-713	0.00	0.00	0.00	0.00	0.00	0.00
P-1630	J-1342	J-1343	0.00	0.00	0.00	0.00	0.00	0.00
P-1631	J-1106	J-1344	15.08	0.02	0.00	0.17	0.05	0.05
P-1632	J-1344	J-1346	0.00	0.00	0.00	0.00	0.00	0.00
P-1633	J-1104	J-1345	16.47	0.04	0.00	0.19	0.06	0.06
P-1634	J-1345	J-1347	0.00	0.00	0.00	0.00	0.00	0.00
P-1635	J-1348	J-1109	0.00	0.00	0.00	0.00	0.00	0.00
P-1636	J-1348	J-1349	0.00	0.00	0.00	0.00	0.00	0.00
P-1637	J-1350	J-1348	0.00	0.00	0.00	0.00	0.00	0.00
P-1638	J-1350	J-1107	1.39	0.04	0.00	0.11	0.07	0.07
P-1639	J-1107	J-1352	0.00	0.00	0.00	0.00	0.00	0.00
P-164	J-149	J-357	147.87	0.03	0.00	0.42	0.12	0.12
P-1640	J-1125	J-1351	0.00	0.00	0.00	0.00	0.00	0.00
P-1641	J-1353	J-1357	123.06	0.30	0.00	0.79	0.61	0.61
P-1642	J-1353	J-1355	0.00	0.00	0.00	0.00	0.00	0.00
P-1643	J-1355	J-1354	0.00	0.00	0.00	0.00	0.00	0.00
P-1644	J-1355	J-1356	0.00	0.00	0.00	0.00	0.00	0.00
P-1645	J-1357	J-1358	123.06	0.22	0.00	0.79	0.61	0.61
P-1646	J-1357	J-1359	0.00	0.00	0.00	0.00	0.00	0.00
P-1647	J-1358	J-1129	123.06	0.20	0.00	0.79	0.61	0.61

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P-1648	J-1358	J-1360	0.00	0.00	0.00	0.00	0.00	0.00
P-1649	J-1361	J-1139	0.00	0.00	0.00	0.00	0.00	0.00
P-165	J-149	J-351	50.27	0.04	0.00	0.32	0.12	0.12
P-1650	J-1072	J-1362	0.00	0.00	0.00	0.00	0.00	0.00
P-1651	J-1363	J-1144	118.97	0.57	0.00	0.76	0.58	0.58
P-1652	J-1363	J-1364	0.00	0.00	0.00	0.00	0.00	0.00
P-1653	J-1365	J-1366	0.06	0.00	0.00	0.00	0.00	0.00
P-1654	J-1365	J-1367	0.00	0.00	0.00	0.00	0.00	0.00
P-1655	J-1366	J-1369	0.06	0.00	0.00	0.00	0.00	0.00
P-1656	J-1366	J-1368	0.00	0.00	0.00	0.00	0.00	0.00
P-1657	J-1369	J-1237	0.06	0.00	0.00	0.00	0.00	0.00
P-1658	J-1369	J-1370	0.00	0.00	0.00	0.00	0.00	0.00
P-1659	J-1240	J-1371	0.00	0.00	0.00	0.00	0.00	0.00
P-166	J-152	J-361	182.48	0.04	0.00	0.52	0.18	0.18
P-1660	J-1240	J-1372	0.00	0.00	0.00	0.00	0.00	0.00
P-1661	J-1373	J-1338	517.93	0.24	0.00	0.83	0.30	0.30
P-1662	J-1375	J-1373	22.36	0.01	0.00	0.14	0.03	0.03
P-1663	J-1377	J-1375	22.36	0.00	0.00	0.14	0.03	0.03
P-1664	J-1375	J-1376	0.00	0.00	0.00	0.00	0.00	0.00
P-1665	J-1377	J-1374	0.00	0.00	0.00	0.00	0.00	0.00
P-1666	J-1378	J-1377	22.36	0.01	0.00	0.23	0.06	0.06
P-1667	J-1379	J-1385	115.21	0.00	0.00	0.17	0.01	0.01
P-1668	J-1379	J-1380	73.82	0.36	0.00	0.84	0.46	0.46
P-1669	J-1380	J-1227	402.72	0.57	0.00	1.14	0.76	0.76
P-167	J-151	J-364	66.62	0.12	0.00	0.43	0.20	0.20
P-1670	J-1381	J-1382	138.36	0.00	0.00	0.21	0.02	0.02
P-1671	J-1381	J-1383	0.00	0.00	0.00	0.00	0.00	0.00
P-1672	J-1382	J-1386	138.36	0.01	0.00	0.21	0.02	0.02
P-1673	J-1382	J-1384	0.00	0.00	0.00	0.00	0.00	0.00
P-1674	J-1385	J-1381	138.36	0.00	0.00	0.21	0.02	0.02
P-1675	J-1387	J-1385	23.15	0.02	0.00	0.26	0.05	0.05
P-1676	J-1387	J-1331	28.30	0.01	0.00	0.18	0.04	0.04
P-1677	J-1386	J-1390	44.81	0.00	0.00	0.07	0.00	0.00
P-1678	J-1386	J-1388	93.56	0.00	0.00	0.14	0.01	0.01
P-1679	J-1389	J-1574	18.25	0.00	0.00	0.05	0.00	0.00
P-168	J-154	J-151	41.38	0.07	0.00	0.26	0.08	0.08
P-1680	J-1062	J-1577	15.88	0.02	0.00	0.16	0.03	0.03
P-1681	J-1390	J-1577	31.58	0.00	0.00	0.05	0.00	0.00
P-1682	J-1389	J-1388	1.24	0.00	0.00	0.00	0.00	0.00
P-1683	J-1388	J-1391	94.80	0.03	0.00	0.27	0.05	0.05
P-1684	J-1391	J-1396	94.80	0.01	0.00	0.27	0.05	0.05
P-1685	J-1391	J-1393	0.00	0.00	0.00	0.00	0.00	0.00
P-1686	J-1393	J-1394	0.00	0.00	0.00	0.00	0.00	0.00
P-1687	J-1393	J-1395	0.00	0.00	0.00	0.00	0.00	0.00
P-1688	J-1396	J-1392	7.80	0.00	0.00	0.09	0.02	0.02
P-1689	J-1396	J-1408	87.00	0.37	0.00	0.99	1.31	1.31
P-169	J-31	J-16	29.08	0.00	0.00	0.08	0.01	0.01
P-1690	J-1397	J-919	0.03	0.00	0.00	0.00	0.00	0.00
P-1691	J-1399	J-1124	0.07	0.00	0.00	0.00	0.00	0.00
P-1692	J-1400	J-1267	33.44	0.17	0.00	0.38	0.22	0.22
P-1693	J-1411	J-1400	206.03	0.44	0.00	2.34	6.47	6.47
P-1694	J-1401	J-1402	0.00	0.00	0.00	0.00	0.00	0.00
P-1695	J-1405	J-1401	59.32	0.28	0.00	0.67	0.64	0.64
P-1696	J-1404	J-1403	0.00	0.00	0.00	0.00	0.00	0.00
P-1697	J-978	J-1405	42.81	0.10	0.00	0.49	0.35	0.35
P-1698	J-1405	J-1406	0.00	0.00	0.00	0.00	0.00	0.00
P-1699	J-1407	J-1405	16.51	0.31	0.00	0.42	0.43	0.43

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P-17	J-15	J-177	20.87	0.00	0.00	0.06	0.00	0.00
P-170	J-16	J-323	4.67	0.00	0.00	0.03	0.00	0.00
P-1700	J-1398	J-1408	7.80	0.02	0.00	0.09	0.02	0.02
P-1701	J-1408	J-1409	94.80	0.16	0.00	1.08	1.54	1.54
P-1702	J-1409	J-1407	89.56	0.06	0.00	1.02	1.38	1.38
P-1703	J-1409	J-1410	5.23	0.00	0.00	0.06	0.01	0.01
P-1704	J-1392	J-1398	7.80	0.35	0.00	0.35	0.44	0.44
P-1705	J-1407	J-1859	73.05	0.15	0.00	0.83	0.95	0.95
P-1706	J-1412	J-1413	146.71	0.06	0.00	0.94	0.85	0.85
P-1707	J-1401	J-1411	59.32	0.34	0.00	0.67	0.64	0.64
P-1708	J-1413	J-1411	146.71	0.50	0.00	0.94	0.85	0.85
P-1709	J-1413	J-1414	0.00	0.00	0.00	0.00	0.00	0.00
P-171	J-325	J-155	21.89	0.00	0.00	0.06	0.00	0.00
P-1710	J-1565	J-1412	116.47	0.18	0.00	0.74	0.55	0.55
P-1711	J-1415	J-1416	79.77	0.01	0.00	0.23	0.04	0.04
P-1712	J-1541	J-1415	79.77	0.20	0.00	0.51	0.27	0.27
P-1713	J-1560	J-738	7.56	0.00	0.00	0.05	0.00	0.00
P-1714	J-1417	J-1418	0.00	0.00	0.00	0.00	0.00	0.00
P-1715	J-1552	J-1417	0.06	0.00	0.00	0.00	0.00	0.00
P-1716	J-1417	J-1419	0.06	0.00	0.00	0.00	0.00	0.00
P-1717	J-1421	J-1419	0.64	0.00	0.00	0.00	0.00	0.00
P-1718	J-1422	J-1555	0.00	0.00	0.00	0.00	0.00	0.00
P-1719	J-1419	J-1423	0.69	0.00	0.00	0.00	0.00	0.00
P-172	J-156	J-17	172.92	0.06	0.00	0.49	0.16	0.16
P-1720	J-1424	J-1423	6.86	0.00	0.00	0.04	0.00	0.00
P-1721	J-1557	J-1424	7.56	0.00	0.00	0.05	0.00	0.00
P-1722	J-1461	J-1425	7.56	0.00	0.00	0.02	0.00	0.00
P-1723	J-1425	J-1426	6.22	0.00	0.00	0.04	0.00	0.00
P-1724	J-1426	J-1428	0.00	0.00	0.00	0.00	0.00	0.00
P-1725	J-1426	J-1427	6.22	0.00	0.00	0.04	0.00	0.00
P-1726	J-1977	J-1427	1.34	0.00	0.00	0.01	0.00	0.00
P-1727	J-1431	J-1429	1.34	0.00	0.00	0.02	0.00	0.00
P-1728	J-1429	J-1430	0.00	0.00	0.00	0.00	0.00	0.00
P-1729	J-737	J-1431	1.34	0.00	0.00	0.02	0.00	0.00
P-173	J-181	J-156	36.22	0.05	0.00	0.23	0.06	0.06
P-1730	J-1431	J-1433	0.00	0.00	0.00	0.00	0.00	0.00
P-1731	J-1433	J-1432	0.07	0.00	0.00	0.00	0.00	0.00
P-1732	J-1432	J-1433	0.07	0.00	0.00	0.00	0.00	0.00
P-1733	J-1436	J-1434	1.34	0.00	0.00	0.00	0.00	0.00
P-1734	J-1434	J-1435	0.00	0.00	0.00	0.00	0.00	0.00
P-1735	J-1443	J-1436	1.34	0.00	0.00	0.00	0.00	0.00
P-1736	J-1436	J-1437	0.00	0.00	0.00	0.00	0.00	0.00
P-1737	J-1434	J-1438	1.34	0.00	0.00	0.00	0.00	0.00
P-1738	J-1438	J-1439	0.00	0.00	0.00	0.00	0.00	0.00
P-1739	J-1439	J-1441	0.00	0.00	0.00	0.00	0.00	0.00
P-174	J-20	J-22	9.29	0.00	0.00	0.06	0.01	0.01
P-1740	J-1441	J-1440	0.00	0.00	0.00	0.00	0.00	0.00
P-1741	J-1441	J-1442	0.00	0.00	0.00	0.00	0.00	0.00
P-1742	J-1446	J-1443	1.34	0.00	0.00	0.00	0.00	0.00
P-1743	J-1443	J-1444	0.00	0.00	0.00	0.00	0.00	0.00
P-1744	J-1448	J-1446	1.34	0.00	0.00	0.00	0.00	0.00
P-1745	J-1445	J-1446	0.00	0.00	0.00	0.00	0.00	0.00
P-1746	J-1446	J-1447	0.00	0.00	0.00	0.00	0.00	0.00
P-1747	J-1450	J-1448	1.34	0.00	0.00	0.00	0.00	0.00
P-1748	J-1448	J-1449	0.00	0.00	0.00	0.00	0.00	0.00
P-1749	J-1452	J-1450	1.34	0.00	0.00	0.00	0.00	0.00
P-175	J-157	J-158	36.22	0.00	0.00	0.10	0.01	0.01

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P-1750	J-1450	J-1451	0.00	0.00	0.00	0.00	0.00	0.00
P-1751	J-1458	J-1452	1.34	0.00	0.00	0.00	0.00	0.00
P-1752	J-1452	J-1455	0.00	0.00	0.00	0.00	0.00	0.00
P-1753	J-1455	J-1454	0.00	0.00	0.00	0.00	0.00	0.00
P-1754	J-1453	J-1455	0.00	0.00	0.00	0.00	0.00	0.00
P-1755	J-1456	J-1458	0.00	0.00	0.00	0.00	0.00	0.00
P-1756	J-1460	J-1458	1.34	0.00	0.00	0.00	0.00	0.00
P-1757	J-1457	J-1459	0.00	0.00	0.00	0.00	0.00	0.00
P-1758	J-1425	J-1460	1.34	0.00	0.00	0.00	0.00	0.00
P-1759	J-1460	J-1459	0.00	0.00	0.00	0.00	0.00	0.00
P-176	J-21	J-159	155.01	0.01	0.00	0.44	0.13	0.13
P-1760	J-1465	J-1461	7.56	0.00	0.00	0.02	0.00	0.00
P-1761	J-1461	J-1463	0.00	0.00	0.00	0.00	0.00	0.00
P-1762	J-1463	J-1462	0.00	0.00	0.00	0.00	0.00	0.00
P-1763	J-1463	J-1464	0.00	0.00	0.00	0.00	0.00	0.00
P-1764	J-1467	J-1465	7.56	0.00	0.00	0.02	0.00	0.00
P-1765	J-1465	J-1466	0.00	0.00	0.00	0.00	0.00	0.00
P-1766	J-1467	J-1476	1.02	0.00	0.00	0.00	0.00	0.00
P-1767	J-1470	J-1467	8.57	0.02	0.00	0.10	0.02	0.02
P-1768	J-1469	J-1468	0.07	0.00	0.00	0.00	0.00	0.00
P-1769	J-1468	J-1469	0.07	0.00	0.00	0.00	0.00	0.00
P-177	J-159	J-291	2.96	0.00	0.00	0.02	0.00	0.00
P-1770	J-1470	J-1469	0.00	0.00	0.00	0.00	0.00	0.00
P-1771	J-1472	J-1470	8.57	0.01	0.00	0.10	0.02	0.02
P-1772	J-1495	J-1472	6.52	0.01	0.00	0.07	0.01	0.01
P-1773	J-1471	J-1472	2.06	0.00	0.00	0.02	0.00	0.00
P-1774	J-1471	J-1473	3.71	0.00	0.00	0.04	0.00	0.00
P-1775	J-1473	J-1479	3.71	0.00	0.00	0.04	0.00	0.00
P-1776	J-1473	J-1475	0.00	0.00	0.00	0.00	0.00	0.00
P-1777	J-1476	J-739	1.02	0.00	0.00	0.00	0.00	0.00
P-1778	J-1476	J-1477	0.00	0.00	0.00	0.00	0.00	0.00
P-1779	J-1477	J-1478	0.00	0.00	0.00	0.00	0.00	0.00
P-178	J-92	J-160	79.53	0.01	0.00	0.23	0.04	0.04
P-1780	J-1937	J-1474	0.00	0.00	0.00	0.00	0.00	0.00
P-1781	J-1479	J-1937	3.71	0.00	0.00	0.04	0.00	0.00
P-1782	J-1474	J-1983	0.00	0.00	0.00	0.00	0.00	0.00
P-1783	J-743	J-742	55.32	0.00	0.00	0.16	0.02	0.02
P-1784	J-1940	J-1481	58.66	0.00	0.00	0.17	0.02	0.02
P-1785	J-1481	J-1483	0.00	0.00	0.00	0.00	0.00	0.00
P-1786	J-741	J-740	63.70	0.01	0.00	0.18	0.03	0.03
P-1787	J-1484	J-1482	4.79	0.00	0.00	0.05	0.01	0.01
P-1788	J-1485	J-1482	0.25	0.00	0.00	0.02	0.00	0.00
P-1789	J-1485	J-1497	3.01	0.00	0.00	0.03	0.00	0.00
P-179	J-160	J-292	70.15	0.17	0.00	0.45	0.22	0.22
P-1790	J-1484	J-1485	3.26	0.00	0.00	0.04	0.00	0.00
P-1791	J-1496	J-1484	8.05	0.01	0.00	0.09	0.02	0.02
P-1792	J-1486	J-1488	52.22	0.00	0.00	0.08	0.00	0.00
P-1793	J-1491	J-1487	12.53	0.01	0.00	0.14	0.04	0.04
P-1794	J-1487	J-1489	0.00	0.00	0.00	0.00	0.00	0.00
P-1795	J-1488	J-743	51.42	0.00	0.00	0.08	0.00	0.00
P-1796	J-1488	J-1490	0.80	0.01	0.00	0.06	0.03	0.03
P-1797	J-1486	J-1490	11.73	0.02	0.00	0.13	0.03	0.03
P-1798	J-1490	J-1491	12.53	0.00	0.00	0.14	0.04	0.04
P-1799	J-1491	J-1493	0.00	0.00	0.00	0.00	0.00	0.00
P-18	J-17	J-31	276.59	0.09	0.00	0.78	0.38	0.38
P-180	J-163	J-162	10.18	0.00	0.00	0.06	0.01	0.01
P-1800	J-744	J-1494	12.29	0.01	0.00	0.14	0.03	0.03

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P-1801	J-1494	J-1492	0.00	0.00	0.00	0.00	0.00	0.00
P-1802	J-1495	J-1471	5.77	0.01	0.00	0.07	0.01	0.01
P-1803	J-1494	J-1495	12.29	0.01	0.00	0.14	0.03	0.03
P-1804	J-1487	J-1496	12.53	0.00	0.00	0.14	0.04	0.04
P-1805	J-1496	J-1498	4.48	0.00	0.00	0.05	0.01	0.01
P-1806	J-1497	J-1776	7.49	0.00	0.00	0.09	0.01	0.01
P-1807	J-1498	J-1576	4.48	0.00	0.00	0.05	0.01	0.01
P-1808	J-1498	J-1499	0.00	0.00	0.00	0.00	0.00	0.00
P-1809	J-1500	J-1410	0.00	0.00	0.00	0.00	0.00	0.00
P-181	J-162	J-318	59.91	0.10	0.00	0.38	0.16	0.16
P-1810	J-1410	J-1566	5.23	0.04	0.00	0.13	0.05	0.05
P-1811	J-738	J-1502	79.77	0.03	0.00	0.51	0.27	0.27
P-1812	J-1502	J-1550	18.20	0.02	0.00	0.21	0.07	0.07
P-1813	J-1504	J-1505	0.00	0.00	0.00	0.00	0.00	0.00
P-1814	J-1504	J-1507	0.09	0.00	0.00	0.00	0.00	0.00
P-1815	J-1506	J-1505	0.09	0.00	0.00	0.00	0.00	0.00
P-1816	J-1507	J-1506	0.13	0.00	0.00	0.00	0.00	0.00
P-1817	J-1506	J-1507	0.04	0.00	0.00	0.00	0.00	0.00
P-1818	J-1505	J-1509	0.09	0.00	0.00	0.00	0.00	0.00
P-1819	J-1508	J-1503	0.00	0.00	0.00	0.00	0.00	0.00
P-182	J-164	J-314	13.90	0.01	0.00	0.09	0.01	0.01
P-1820	J-1508	J-1510	0.00	0.00	0.00	0.00	0.00	0.00
P-1821	J-1509	J-1508	0.00	0.00	0.00	0.00	0.00	0.00
P-1822	J-1509	J-1511	0.09	0.00	0.00	0.00	0.00	0.00
P-1823	J-1512	J-1516	0.07	0.00	0.00	0.00	0.00	0.00
P-1824	J-1512	J-1513	0.00	0.00	0.00	0.00	0.00	0.00
P-1825	J-1514	J-1512	0.07	0.00	0.00	0.00	0.00	0.00
P-1826	J-1511	J-1514	0.01	0.00	0.00	0.00	0.00	0.00
P-1827	J-1511	J-1515	0.08	0.00	0.00	0.00	0.00	0.00
P-1828	J-1516	J-1514	0.06	0.00	0.00	0.00	0.00	0.00
P-1829	J-1516	J-1515	0.01	0.00	0.00	0.00	0.00	0.00
P-183	J-317	J-165	76.91	0.12	0.00	0.49	0.26	0.26
P-1830	J-1517	J-1504	0.09	0.00	0.00	0.00	0.00	0.00
P-1831	J-1515	J-1517	0.09	0.00	0.00	0.00	0.00	0.00
P-1832	J-1518	J-1517	0.00	0.00	0.00	0.00	0.00	0.00
P-1833	J-1518	J-1520	16.47	0.02	0.00	0.19	0.06	0.06
P-1834	J-1520	J-1519	0.00	0.00	0.00	0.00	0.00	0.00
P-1835	J-1520	J-1524	16.47	0.01	0.00	0.19	0.06	0.06
P-1836	J-1521	J-1522	0.00	0.00	0.00	0.00	0.00	0.00
P-1837	J-1521	J-1523	0.00	0.00	0.00	0.00	0.00	0.00
P-1838	J-1524	J-1521	0.00	0.00	0.00	0.00	0.00	0.00
P-1839	J-1524	J-1292	16.47	0.04	0.00	0.19	0.06	0.06
P-184	J-165	J-166	70.26	0.11	0.00	0.45	0.22	0.22
P-1840	J-1545	J-994	63.30	0.06	0.00	0.40	0.18	0.18
P-1841	J-994	J-1526	79.77	0.07	0.00	0.51	0.27	0.27
P-1842	J-1526	J-1535	20.47	0.08	0.00	0.23	0.09	0.09
P-1843	J-1528	J-1527	3.18	0.00	0.00	0.04	0.00	0.00
P-1844	J-1528	J-1537	3.37	0.00	0.00	0.04	0.00	0.00
P-1845	J-1530	J-1533	6.69	0.01	0.00	0.08	0.01	0.01
P-1846	J-1544	J-1529	12.98	0.01	0.00	0.15	0.04	0.04
P-1847	J-1532	J-1529	0.14	0.00	0.00	0.00	0.00	0.00
P-1848	J-1533	J-1532	0.14	0.00	0.00	0.01	0.00	0.00
P-1849	J-1533	J-1528	6.55	0.01	0.00	0.07	0.01	0.01
P-185	J-166	J-37	349.15	0.32	0.00	0.99	0.59	0.59
P-1850	J-1531	J-1530	20.47	0.03	0.00	0.23	0.09	0.09
P-1851	J-1531	J-1534	0.00	0.00	0.00	0.00	0.00	0.00
P-1852	J-1535	J-1531	20.47	0.03	0.00	0.23	0.09	0.09

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P-1853	J-1535	J-1536	0.00	0.00	0.00	0.00	0.00	0.00
P-1854	J-1537	J-1539	6.55	0.00	0.00	0.07	0.01	0.01
P-1855	J-1527	J-1537	3.18	0.00	0.00	0.03	0.00	0.00
P-1856	J-1501	J-1497	4.48	0.00	0.00	0.05	0.01	0.01
P-1857	J-1529	J-1539	13.11	0.01	0.00	0.15	0.04	0.04
P-1858	J-1539	J-1540	19.67	0.05	0.00	0.22	0.08	0.08
P-1859	J-1542	J-1541	60.10	0.07	0.00	0.38	0.16	0.16
P-186	J-328	J-167	7.07	0.00	0.00	0.05	0.00	0.00
P-1860	J-1540	J-1541	19.67	0.00	0.00	0.13	0.02	0.02
P-1861	J-1543	J-1542	59.29	0.07	0.00	0.38	0.16	0.16
P-1862	J-1544	J-1542	0.81	0.00	0.00	0.01	0.00	0.00
P-1863	J-1530	J-1544	13.78	0.01	0.00	0.16	0.04	0.04
P-1864	J-1526	J-1543	59.29	0.07	0.00	0.38	0.16	0.16
P-1865	J-1543	J-1546	0.00	0.00	0.00	0.00	0.00	0.00
P-1866	J-1502	J-1545	61.56	0.08	0.00	0.39	0.17	0.17
P-1867	J-1548	J-1545	1.74	0.03	0.00	0.14	0.11	0.11
P-1868	J-1548	J-1547	0.00	0.00	0.00	0.00	0.00	0.00
P-1869	J-1549	J-1548	1.74	0.03	0.00	0.14	0.11	0.11
P-187	J-169	J-327	232.62	0.08	0.00	0.66	0.28	0.28
P-1870	J-1550	J-1518	16.47	0.01	0.00	0.11	0.01	0.01
P-1871	J-1550	J-1549	1.74	0.00	0.00	0.02	0.00	0.00
P-1872	J-1552	J-1420	0.00	0.00	0.00	0.00	0.00	0.00
P-1873	J-1551	J-1552	0.00	0.00	0.00	0.00	0.00	0.00
P-1874	J-1553	J-1552	0.06	0.00	0.00	0.00	0.00	0.00
P-1875	J-1553	J-1554	0.00	0.00	0.00	0.00	0.00	0.00
P-1876	J-1421	J-1553	0.06	0.00	0.00	0.00	0.00	0.00
P-1877	J-1556	J-1555	0.69	0.00	0.00	0.00	0.00	0.00
P-1878	J-1555	J-1421	0.69	0.00	0.00	0.02	0.00	0.00
P-1879	J-1424	J-1556	0.69	0.00	0.00	0.02	0.00	0.00
P-188	J-168	J-173	167.70	0.04	0.00	0.48	0.15	0.15
P-1880	J-1556	J-1558	0.00	0.00	0.00	0.00	0.00	0.00
P-1881	J-1427	J-1557	7.56	0.00	0.00	0.05	0.00	0.00
P-1882	J-1557	J-1559	0.00	0.00	0.00	0.00	0.00	0.00
P-1883	J-1063	J-1560	7.56	0.00	0.00	0.05	0.00	0.00
P-1884	J-1562	J-1561	7.56	0.00	0.00	0.05	0.00	0.00
P-1885	J-1560	J-1984	0.00	0.00	0.00	0.00	0.00	0.00
P-1886	J-1423	J-1562	7.56	0.00	0.00	0.05	0.00	0.00
P-1887	J-1562	J-1563	0.00	0.00	0.00	0.00	0.00	0.00
P-1888	J-1563	J-1564	0.07	0.00	0.00	0.00	0.00	0.00
P-1889	J-1564	J-1563	0.07	0.00	0.00	0.00	0.00	0.00
P-189	J-168	J-170	0.00	0.00	0.00	0.00	0.00	0.00
P-1890	J-1416	J-1565	79.77	0.05	0.00	0.51	0.27	0.27
P-1891	J-1566	J-1565	36.70	0.19	0.00	0.42	0.26	0.26
P-1892	J-1568	J-1566	31.47	0.36	0.00	0.80	1.43	1.43
P-1893	J-1501	J-1567	0.00	0.00	0.00	0.00	0.00	0.00
P-1894	J-1576	J-1992	0.00	0.00	0.00	0.00	0.00	0.00
P-1895	J-1568	J-1569	0.00	0.00	0.00	0.00	0.00	0.00
P-1896	J-1573	J-1568	31.47	0.06	0.00	0.36	0.20	0.20
P-1897	J-1571	J-1570	0.00	0.00	0.00	0.00	0.00	0.00
P-1898	J-1571	J-1572	0.00	0.00	0.00	0.00	0.00	0.00
P-1899	J-1573	J-1571	0.00	0.00	0.00	0.00	0.00	0.00
P-19	J-18	J-156	136.70	0.10	0.00	0.39	0.10	0.10
P-190	J-1820	J-131	95.84	0.04	0.00	0.27	0.05	0.05
P-1900	J-1574	J-1573	31.47	0.20	0.00	0.36	0.20	0.20
P-1901	J-1390	J-1574	13.22	0.00	0.00	0.02	0.00	0.00
P-1902	J-1569	J-1575	0.00	0.00	0.00	0.00	0.00	0.00
P-1903	J-1576	J-1501	4.48	0.00	0.00	0.05	0.01	0.01

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P-1904	J-1577	J-1081	47.47	0.00	0.00	0.07	0.00	0.00
P-1905	J-1280	J-1635	152.39	0.55	0.00	0.97	0.91	0.91
P-1906	J-1579	J-1578	86.04	0.23	0.00	0.98	1.28	1.28
P-1907	J-1580	J-1579	3.06	0.00	0.00	0.02	0.00	0.00
P-1908	J-1581	J-1586	128.20	0.40	0.00	0.82	0.66	0.66
P-1909	J-1582	J-1581	74.65	0.02	0.00	0.48	0.24	0.24
P-191	J-125	J-131	115.89	0.46	0.00	1.31	2.23	2.23
P-1910	J-1580	J-1582	74.65	0.11	0.00	0.85	0.99	0.99
P-1911	J-1583	J-1580	77.71	0.20	0.00	0.88	1.06	1.06
P-1912	J-1640	J-1583	7.25	0.00	0.00	0.05	0.00	0.00
P-1913	J-1584	J-1581	53.55	0.04	0.00	0.34	0.13	0.13
P-1914	J-1655	J-1583	70.46	0.11	0.00	0.80	0.89	0.89
P-1915	J-1578	J-1585	0.00	0.00	0.00	0.00	0.00	0.00
P-1916	J-1578	J-1586	86.04	0.30	0.00	0.98	1.28	1.28
P-1917	J-1586	J-1643	214.24	0.38	0.00	1.37	1.71	1.71
P-1918	J-1588	J-1587	0.00	0.00	0.00	0.00	0.00	0.00
P-1919	J-1588	J-1589	0.00	0.00	0.00	0.00	0.00	0.00
P-192	J-173	J-15	167.70	0.04	0.00	0.48	0.15	0.15
P-1920	J-1590	J-1588	0.00	0.00	0.00	0.00	0.00	0.00
P-1921	J-1590	J-1591	0.00	0.00	0.00	0.00	0.00	0.00
P-1922	J-1592	J-1590	0.00	0.00	0.00	0.00	0.00	0.00
P-1923	J-1592	J-1593	0.00	0.00	0.00	0.00	0.00	0.00
P-1924	J-1594	J-1592	0.00	0.00	0.00	0.00	0.00	0.00
P-1925	J-1594	J-1595	0.00	0.00	0.00	0.00	0.00	0.00
P-1926	J-1596	J-1594	0.00	0.00	0.00	0.00	0.00	0.00
P-1927	J-1596	J-1652	131.02	0.07	0.00	1.49	2.80	2.80
P-1928	J-1597	J-1599	89.99	0.46	0.00	0.57	0.34	0.34
P-1929	J-1597	J-1598	46.55	0.14	0.00	0.53	0.41	0.41
P-193	J-173	J-175	0.00	0.00	0.00	0.00	0.00	0.00
P-1930	J-1598	J-1599	41.03	0.32	0.00	0.47	0.33	0.33
P-1931	J-1599	J-1596	131.02	0.27	0.00	0.84	0.69	0.69
P-1932	J-1584	J-1600	84.83	0.19	0.00	0.54	0.31	0.31
P-1933	J-1600	J-1649	235.76	1.20	0.00	1.50	2.04	2.04
P-1934	J-1601	J-1773	341.51	0.59	0.00	2.18	4.06	4.06
P-1935	J-1607	J-1601	154.05	1.75	0.00	1.75	3.77	3.77
P-1936	J-1604	J-1603	0.00	0.00	0.00	0.00	0.00	0.00
P-1937	J-1606	J-1604	88.74	2.57	0.00	1.01	1.36	1.36
P-1938	J-1606	J-1605	361.26	2.10	0.00	2.31	4.51	4.51
P-1939	J-1605	J-1764	295.95	2.25	0.00	1.89	3.11	3.11
P-194	J-174	J-714	20.87	0.00	0.00	0.06	0.00	0.00
P-1940	J-1605	J-1607	65.31	1.00	0.00	0.74	0.77	0.77
P-1941	J-1604	J-1607	88.74	0.54	0.00	1.01	1.36	1.36
P-1942	J-1608	J-1606	450.00	3.84	0.00	2.87	6.77	6.77
P-1943	J-1608	J-1609	0.00	0.00	0.00	0.00	0.00	0.00
P-1944	J-1608	J-1610	0.00	0.00	0.00	0.00	0.00	0.00
P-1945	J-1611	J-1608	450.00	2.35	0.00	2.87	6.77	6.77
P-1946	J-1611	J-1613	0.00	0.00	0.00	0.00	0.00	0.00
P-1947	J-1613	J-1612	0.00	0.00	0.00	0.00	0.00	0.00
P-1948	J-1613	J-1614	0.00	0.00	0.00	0.00	0.00	0.00
P-1949	J-1615	J-1611	450.00	6.39	0.00	2.87	6.77	6.77
P-195	J-174	J-176	0.00	0.00	0.00	0.00	0.00	0.00
P-1950	J-1615	J-1616	0.00	0.00	0.00	0.00	0.00	0.00
P-1951	J-1616	J-1617	0.00	0.00	0.00	0.00	0.00	0.00
P-1952	J-1616	J-1618	0.00	0.00	0.00	0.00	0.00	0.00
P-1953	J-1619	J-1628	66.11	0.04	0.00	0.42	0.19	0.19
P-1954	J-1619	J-1620	0.00	0.00	0.00	0.00	0.00	0.00
P-1955	J-1620	J-1621	0.00	0.00	0.00	0.00	0.00	0.00

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P-1956	J-1620	J-1622	0.00	0.00	0.00	0.00	0.00	0.00
P-1957	J-1622	J-1623	0.00	0.00	0.00	0.00	0.00	0.00
P-1958	J-1622	J-1625	0.00	0.00	0.00	0.00	0.00	0.00
P-1959	J-1624	J-1619	66.11	0.20	0.00	0.42	0.19	0.19
P-196	J-177	J-174	20.87	0.00	0.00	0.06	0.00	0.00
P-1960	J-1624	J-1627	0.00	0.00	0.00	0.00	0.00	0.00
P-1961	J-1626	J-1624	66.11	0.15	0.00	0.42	0.19	0.19
P-1962	J-1626	J-1630	38.47	0.19	0.00	0.44	0.29	0.29
P-1963	J-1628	J-1600	104.36	0.24	0.00	0.67	0.45	0.45
P-1964	J-1629	J-1600	46.56	0.44	0.00	0.53	0.41	0.41
P-1965	J-1630	J-1628	38.26	0.19	0.00	0.43	0.29	0.29
P-1966	J-1630	J-1629	0.21	0.00	0.00	0.00	0.00	0.00
P-1967	J-1632	J-1629	46.35	0.43	0.00	0.53	0.41	0.41
P-1968	J-1631	J-1584	138.39	0.29	0.00	0.88	0.76	0.76
P-1969	J-1645	J-1631	145.64	0.38	0.00	0.93	0.84	0.84
P-197	J-177	J-178	0.00	0.00	0.00	0.00	0.00	0.00
P-1970	J-1632	J-1633	1.47	0.00	0.00	0.01	0.00	0.00
P-1971	J-1633	J-1634	0.00	0.00	0.00	0.00	0.00	0.00
P-1972	J-1638	J-1632	47.82	0.01	0.00	0.31	0.11	0.11
P-1973	J-1635	J-1626	104.57	0.35	0.00	0.67	0.45	0.45
P-1974	J-1635	J-1636	47.82	0.03	0.00	0.31	0.11	0.11
P-1975	J-1636	J-1637	0.00	0.00	0.00	0.00	0.00	0.00
P-1976	J-1636	J-1638	47.82	0.07	0.00	0.31	0.11	0.11
P-1977	J-1638	J-1639	0.00	0.00	0.00	0.00	0.00	0.00
P-1978	J-1631	J-1640	7.25	0.00	0.00	0.05	0.00	0.00
P-1979	J-1640	J-1642	0.00	0.00	0.00	0.00	0.00	0.00
P-198	J-158	J-179	36.22	0.14	0.00	0.23	0.06	0.06
P-1980	J-1272	J-1641	17.68	0.09	0.00	0.20	0.07	0.07
P-1981	J-1641	J-1644	5.11	0.38	0.00	0.41	0.82	0.82
P-1982	J-1276	J-1644	139.06	0.37	0.00	0.89	0.77	0.77
P-1983	J-1644	J-1645	144.17	0.36	0.00	0.92	0.82	0.82
P-1984	J-1633	J-1645	1.47	0.00	0.00	0.01	0.00	0.00
P-1985	J-1643	J-1646	167.68	0.38	0.00	1.07	1.09	1.09
P-1986	J-1643	J-1647	46.57	0.54	0.00	0.53	0.41	0.41
P-1987	J-1646	J-1597	136.54	0.27	0.00	0.87	0.74	0.74
P-1988	J-1646	J-1647	31.14	0.16	0.00	0.35	0.20	0.20
P-1989	J-1647	J-1648	61.72	0.26	0.00	0.70	0.69	0.69
P-199	J-179	J-180	7.00	0.00	0.00	0.04	0.00	0.00
P-1990	J-1598	J-1648	5.52	0.00	0.00	0.06	0.01	0.01
P-1991	J-1647	J-1649	15.99	0.02	0.00	0.18	0.06	0.06
P-1992	J-1649	J-1651	251.74	1.55	0.00	1.61	2.31	2.31
P-1993	J-1649	J-1650	0.00	0.00	0.00	0.00	0.00	0.00
P-1994	J-1651	J-1615	450.00	4.19	0.00	2.87	6.77	6.77
P-1995	J-1652	J-1651	198.26	0.66	0.00	1.27	1.48	1.48
P-1996	J-1648	J-1652	67.23	0.65	0.00	0.76	0.81	0.81
P-1997	J-1653	J-1721	0.00	0.00	0.00	0.00	0.00	0.00
P-1998	J-1654	J-1723	0.00	0.00	0.00	0.00	0.00	0.00
P-1999	J-1654	J-1656	0.00	0.00	0.00	0.00	0.00	0.00
P-2	J-4	J-1	290.51	0.03	0.00	0.28	0.02	0.02
P-20	J-1874	J-18	113.74	0.04	0.00	0.32	0.07	0.07
P-200	J-179	J-181	29.22	0.02	0.00	0.19	0.04	0.04
P-2000	J-1661	J-1655	18.27	0.02	0.00	0.21	0.07	0.07
P-2001	J-1660	J-1655	52.19	0.36	0.00	0.59	0.51	0.51
P-2002	J-1657	J-1579	82.98	0.37	0.00	0.94	1.20	1.20
P-2003	J-1662	J-1658	48.29	0.13	0.00	0.55	0.44	0.44
P-2004	J-1657	J-1659	18.27	0.02	0.00	0.21	0.07	0.07
P-2005	J-1658	J-1731	0.00	0.00	0.00	0.00	0.00	0.00

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P-2006	J-1675	J-1660	52.19	0.09	0.00	0.59	0.51	0.51
P-2007	J-1659	J-1661	18.27	0.02	0.00	0.21	0.07	0.07
P-2008	J-1660	J-1719	0.00	0.00	0.00	0.00	0.00	0.00
P-2009	J-1673	J-1662	14.55	0.00	0.00	0.17	0.05	0.05
P-201	J-112	J-1784	1846.29	4.54	0.00	2.74	1.89	1.89
P-2010	J-1677	J-1662	33.74	0.07	0.00	0.38	0.23	0.23
P-2011	J-1681	J-1664	29.00	0.05	0.00	0.33	0.17	0.17
P-2012	J-1664	J-1674	26.62	0.06	0.00	0.30	0.15	0.15
P-2013	J-1666	J-1665	0.00	0.00	0.00	0.00	0.00	0.00
P-2014	J-1669	J-1666	20.97	0.04	0.00	0.24	0.09	0.09
P-2015	J-1668	J-1667	0.00	0.00	0.00	0.00	0.00	0.00
P-2016	J-1691	J-1669	25.73	0.04	0.00	0.29	0.14	0.14
P-2017	J-1669	J-1672	4.77	0.00	0.00	0.05	0.01	0.01
P-2018	J-1666	J-1670	20.97	0.03	0.00	0.24	0.09	0.09
P-2019	J-1672	J-1671	2.80	0.00	0.00	0.03	0.00	0.00
P-202	J-186	J-182	0.00	0.00	0.00	0.00	0.00	0.00
P-2020	J-1672	J-1670	1.97	0.07	0.00	0.16	0.14	0.14
P-2021	J-1673	J-1657	101.25	0.58	0.00	1.15	1.73	1.73
P-2022	J-1670	J-1674	22.93	0.04	0.00	0.26	0.11	0.11
P-2023	J-1674	J-1673	115.80	0.19	0.00	0.74	0.55	0.55
P-2024	J-1671	J-1674	66.25	0.10	0.00	0.42	0.19	0.19
P-2025	J-1663	J-1671	63.45	0.06	0.00	0.40	0.18	0.18
P-2026	J-1676	J-1663	89.68	0.11	0.00	0.57	0.34	0.34
P-2027	J-1680	J-1676	47.68	0.07	0.00	0.30	0.11	0.11
P-2028	J-1658	J-1675	48.29	0.06	0.00	0.55	0.44	0.44
P-2029	J-1989	J-1675	3.90	0.00	0.00	0.04	0.00	0.00
P-203	J-185	J-1745	0.00	0.00	0.00	0.00	0.00	0.00
P-2030	J-1678	J-1677	37.64	0.17	0.00	0.43	0.28	0.28
P-2031	J-1664	J-1678	2.39	0.00	0.00	0.03	0.00	0.00
P-2032	J-1679	J-1678	35.25	0.08	0.00	0.40	0.25	0.25
P-2033	J-1701	J-1680	70.78	0.27	0.00	0.45	0.22	0.22
P-2034	J-1682	J-1679	36.45	0.09	0.00	0.41	0.26	0.26
P-2035	J-1679	J-1681	1.19	0.03	0.00	0.10	0.06	0.06
P-2036	J-1663	J-1681	27.81	0.05	0.00	0.32	0.16	0.16
P-2037	J-1680	J-1682	38.03	0.11	0.00	0.43	0.28	0.28
P-2038	J-1682	J-1663	1.58	0.07	0.00	0.13	0.09	0.09
P-2039	J-1696	J-1680	14.93	0.02	0.00	0.17	0.05	0.05
P-204	J-185	J-188	0.31	0.00	0.00	0.00	0.00	0.00
P-2040	J-1683	J-1727	31.56	0.04	0.00	0.20	0.05	0.05
P-2041	J-1683	J-1684	28.87	0.05	0.00	0.33	0.17	0.17
P-2042	J-1684	J-1686	4.98	0.00	0.00	0.06	0.01	0.01
P-2043	J-1686	J-1698	47.33	0.03	0.00	0.30	0.10	0.10
P-2044	J-1687	J-1686	7.36	0.01	0.00	0.08	0.01	0.01
P-2045	J-1995	J-1687	8.57	0.01	0.00	0.10	0.02	0.02
P-2046	J-1685	J-1687	5.38	0.00	0.00	0.06	0.01	0.01
P-2047	J-1685	J-1689	4.84	0.00	0.00	0.05	0.01	0.01
P-2048	J-1689	J-1688	0.00	0.00	0.00	0.00	0.00	0.00
P-2049	J-1689	J-1690	4.84	0.00	0.00	0.05	0.01	0.01
P-205	J-187	J-52	0.06	0.00	0.00	0.00	0.00	0.00
P-2050	J-1687	J-1690	6.59	0.00	0.00	0.07	0.01	0.01
P-2051	J-1690	J-1695	11.43	0.02	0.00	0.13	0.03	0.03
P-2052	J-1691	J-1667	0.00	0.00	0.00	0.00	0.00	0.00
P-2053	J-1676	J-1691	25.73	0.12	0.00	0.29	0.14	0.14
P-2054	J-1693	J-1694	0.00	0.00	0.00	0.00	0.00	0.00
P-2055	J-1694	J-1676	67.73	0.07	0.00	0.43	0.20	0.20
P-2056	J-1695	J-1715	0.00	0.00	0.00	0.00	0.00	0.00
P-2057	J-1695	J-1697	11.43	0.02	0.00	0.13	0.03	0.03

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P-2058	J-1697	J-1694	58.63	0.05	0.00	0.37	0.16	0.16
P-2059	J-1699	J-1696	24.03	0.04	0.00	0.27	0.12	0.12
P-206	J-189	J-64	0.12	0.00	0.00	0.00	0.00	0.00
P-2060	J-1696	J-1694	9.10	0.01	0.00	0.10	0.02	0.02
P-2061	J-1698	J-1697	47.20	0.01	0.00	0.30	0.10	0.10
P-2062	J-1698	J-1699	0.13	0.00	0.00	0.01	0.00	0.00
P-2063	J-1684	J-1699	23.89	0.04	0.00	0.27	0.12	0.12
P-2064	J-1700	J-1685	10.22	0.02	0.00	0.12	0.02	0.02
P-2065	J-1702	J-1700	22.23	0.05	0.00	0.25	0.10	0.10
P-2066	J-1702	J-1683	60.43	0.03	0.00	0.39	0.16	0.16
P-2067	J-1701	J-1702	82.66	0.10	0.00	0.53	0.29	0.29
P-2068	J-1703	J-1701	153.44	0.40	0.00	0.98	0.92	0.92
P-2069	J-1703	J-1704	0.00	0.00	0.00	0.00	0.00	0.00
P-207	J-189	J-191	0.00	0.00	0.00	0.00	0.00	0.00
P-2070	J-1712	J-1703	153.44	0.09	0.00	0.89	0.52	0.52
P-2071	J-1706	J-1705	6.63	0.00	0.00	0.04	0.00	0.00
P-2072	J-1707	J-1705	18.12	0.00	0.00	0.11	0.01	0.01
P-2073	J-1707	J-1708	6.63	0.00	0.00	0.04	0.00	0.00
P-2074	J-1709	J-1707	24.75	0.00	0.00	0.14	0.02	0.02
P-2075	J-1709	J-1710	0.00	0.00	0.00	0.00	0.00	0.00
P-2076	J-1711	J-1709	24.75	0.00	0.00	0.14	0.02	0.02
P-2077	J-1705	J-1712	24.75	0.02	0.00	0.14	0.02	0.02
P-2078	J-1713	J-1712	128.69	0.10	0.00	0.75	0.38	0.38
P-2079	J-1714	J-1713	153.44	0.07	0.00	0.89	0.52	0.52
P-208	J-193	J-190	3.00	0.00	0.00	0.03	0.00	0.00
P-2080	J-1713	J-1711	24.75	0.07	0.00	0.26	0.07	0.07
P-2081	J-1715	J-1692	0.00	0.00	0.00	0.00	0.00	0.00
P-2082	J-1715	J-1722	0.00	0.00	0.00	0.00	0.00	0.00
P-2083	J-1717	J-1718	0.07	0.00	0.00	0.00	0.00	0.00
P-2084	J-1718	J-1716	0.00	0.00	0.00	0.00	0.00	0.00
P-2085	J-1718	J-1720	0.07	0.00	0.00	0.00	0.00	0.00
P-2086	J-1677	J-1989	3.90	0.26	0.00	0.31	0.50	0.50
P-2087	J-1720	J-1722	0.07	0.00	0.00	0.00	0.00	0.00
P-2088	J-1722	J-1717	0.07	0.00	0.00	0.00	0.00	0.00
P-2089	J-1721	J-1654	0.00	0.00	0.00	0.00	0.00	0.00
P-209	J-193	J-385	0.00	0.00	0.00	0.00	0.00	0.00
P-2090	J-1721	J-1724	0.00	0.00	0.00	0.00	0.00	0.00
P-2091	J-1723	J-1585	0.00	0.00	0.00	0.00	0.00	0.00
P-2092	J-1723	J-1725	0.00	0.00	0.00	0.00	0.00	0.00
P-2093	J-1688	I-RV-6	0.00	0.00	0.00	0.00	0.00	0.00
P-2094	J-1732	J-1728	0.00	0.00	0.00	0.00	0.00	0.00
P-2095	J-1130	J-1994	0.00	0.00	0.00	0.00	0.00	0.00
P-2096	J-1727	J-1686	35.00	0.02	0.00	0.22	0.06	0.06
P-2097	J-1728	J-1130	0.00	0.00	0.00	0.00	0.00	0.00
P-2098	J-1988	J-1732	0.00	0.00	0.00	0.00	0.00	0.00
P-2099	J-1265	J-1990	140.79	0.03	0.00	0.82	0.45	0.45
P-21	J-19	J-157	36.22	0.00	0.00	0.10	0.01	0.01
P-210	J-195	J-193	3.00	0.01	0.00	0.03	0.00	0.00
P-2100	J-1287	J-1991	2.66	0.19	0.00	0.27	0.43	0.43
P-2101	J-1732	J-1737	0.00	0.00	0.00	0.00	0.00	0.00
P-2102	J-1735	J-1734	0.00	0.00	0.00	0.00	0.00	0.00
P-2103	J-1735	J-1736	0.01	0.00	0.00	0.00	0.00	0.00
P-2104	J-1736	J-1735	0.01	0.00	0.00	0.00	0.00	0.00
P-2105	J-1737	J-1736	0.00	0.00	0.00	0.00	0.00	0.00
P-2106	J-1737	J-1741	0.00	0.00	0.00	0.00	0.00	0.00
P-2107	J-1739	J-1738	0.00	0.00	0.00	0.00	0.00	0.00
P-2108	J-1738	J-1740	0.00	0.00	0.00	0.00	0.00	0.00

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P-2109	J-1738	J-1742	0.00	0.00	0.00	0.00	0.00	0.00
P-211	J-195	J-47	0.71	0.00	0.00	0.00	0.00	0.00
P-2110	J-1741	J-1739	0.00	0.00	0.00	0.00	0.00	0.00
P-2111	J-1741	J-1743	0.00	0.00	0.00	0.00	0.00	0.00
P-2112	J-634	J-1744	0.00	0.00	0.00	0.00	0.00	0.00
P-2113	J-1745	J-1952	0.00	0.00	0.00	0.00	0.00	0.00
P-2114	J-1745	J-1746	0.00	0.00	0.00	0.00	0.00	0.00
P-2115	J-1747	J-1069	8.01	0.01	0.00	0.08	0.01	0.01
P-2116	J-1751	J-1949	0.00	0.00	0.00	0.00	0.00	0.00
P-2117	J-1748	J-1852	63.60	0.04	0.00	0.37	0.10	0.10
P-2118	J-1750	J-1952	0.00	0.00	0.00	0.00	0.00	0.00
P-2119	J-1787	J-1852	1127.66	0.11	0.00	1.07	0.25	0.25
P-212	J-194	J-195	3.71	0.00	0.00	0.02	0.00	0.00
P-2120	J-382	J-1898	3.23	0.00	0.00	0.02	0.00	0.00
P-2121	J-1753	J-1755	0.01	0.00	0.00	0.00	0.00	0.00
P-2122	J-1755	J-1754	0.00	0.00	0.00	0.00	0.00	0.00
P-2123	J-46	J-48	0.07	0.00	0.00	0.00	0.00	0.00
P-2124	J-46	J-1757	0.01	0.00	0.00	0.00	0.00	0.00
P-2125	J-1757	J-82	0.08	0.00	0.00	0.00	0.00	0.00
P-2126	J-215	J-1756	26.33	0.01	0.00	0.17	0.02	0.02
P-2127	J-1756	J-1759	0.00	0.00	0.00	0.00	0.00	0.00
P-2128	O-P-G5	J-1480	0.00	0.00	0.00	0.00	0.00	0.00
P-2129	J-916	J-1133	0.00	0.00	0.00	0.00	0.00	0.00
P-213	J-384	J-194	0.31	0.00	0.00	0.00	0.00	0.00
P-2130	J-552	J-559	183.98	0.04	0.00	0.38	0.08	0.08
P-2131	J-1292	J-994	16.47	0.04	0.00	0.19	0.06	0.06
P-2132	J-1525	J-1293	20.29	0.00	0.00	0.06	0.00	0.00
P-2133	J-1760	J-1758	11.90	0.00	0.00	0.03	0.00	0.00
P-2134	J-1761	J-1760	11.90	0.00	0.00	0.03	0.00	0.00
P-2135	J-1763	J-1761	11.90	0.00	0.00	0.03	0.00	0.00
P-2136	J-1762	J-811	17.71	0.00	0.00	0.05	0.00	0.00
P-2137	J-864	J-1763	11.90	0.00	0.00	0.03	0.00	0.00
P-2138	J-1764	J-1601	187.47	0.51	0.00	1.20	1.34	1.34
P-2139	J-1764	J-1769	108.49	1.70	0.00	1.12	1.13	1.13
P-214	J-196	J-197	0.00	0.00	0.00	0.00	0.00	0.00
P-2140	J-655	J-605	0.00	0.00	0.00	0.00	0.00	0.00
P-2141	J-583	J-1766	0.00	0.00	0.00	0.00	0.00	0.00
P-2142	J-483	J-481	60.37	0.00	0.00	0.39	0.16	0.16
P-2143	J-1047	J-482	0.00	0.00	0.00	0.00	0.00	0.00
P-2144	J-1769	J-1770	108.49	0.20	0.00	0.63	0.27	0.27
P-2145	J-1767	J-142	126.00	0.00	0.00	0.36	0.09	0.09
P-2146	J-1770	J-1771	450.00	1.14	0.00	2.87	6.77	6.77
P-2147	J-1771	J-1602	450.00	4.97	0.00	2.87	6.77	6.77
P-2148	J-1773	J-1770	341.51	0.81	0.00	2.18	4.06	4.06
P-2149	J-1774	J-582	305.58	1.14	0.00	1.95	3.30	3.30
P-215	J-188	J-196	0.31	0.00	0.00	0.00	0.00	0.00
P-2150	J-1774	J-1775	0.00	0.00	0.00	0.00	0.00	0.00
P-2151	J-1776	J-740	7.49	0.01	0.00	0.09	0.01	0.01
P-2152	J-1776	J-1777	0.00	0.00	0.00	0.00	0.00	0.00
P-2153	J-861	J-1779	0.00	0.00	0.00	0.00	0.00	0.00
P-2154	J-1778	J-113	1846.29	3.73	0.00	2.74	1.89	1.89
P-2155	J-1780	J-1793	0.00	0.00	0.00	0.00	0.00	0.00
P-2156	J-1781	J-983	0.00	0.00	0.00	0.00	0.00	0.00
P-2157	J-1782	J-1783	1900.00	5.97	0.00	2.82	1.99	1.99
P-2158	J-1783	J-736	1900.00	3.00	0.00	2.82	1.99	1.99
P-2159	J-1784	J-1778	1846.29	12.08	0.00	2.74	1.89	1.89
P-216	J-198	J-199	6.64	0.00	0.00	0.08	0.01	0.01

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P-2160	J-958	J-907	18.93	0.18	0.00	0.47	0.28	0.28
P-2161	J-1785	J-1829	0.00	0.00	0.00	0.00	0.00	0.00
P-2162	J-1852	J-112	1191.27	0.72	0.00	1.13	0.28	0.28
P-2163	J-1788	J-946	1127.66	1.01	0.00	1.07	0.25	0.25
P-2164	J-442	J-1791	72.16	0.08	0.00	0.46	0.23	0.23
P-2165	J-1790	J-1787	1127.66	0.57	0.00	1.07	0.25	0.25
P-2166	J-1791	J-1837	0.00	0.00	0.00	0.00	0.00	0.00
P-2167	J-1792	J-1780	0.00	0.00	0.00	0.00	0.00	0.00
P-2168	J-1793	J-955	0.00	0.00	0.00	0.00	0.00	0.00
P-2169	J-1797	J-860	29.31	0.04	0.00	0.30	0.10	0.10
P-217	J-199	J-1753	0.00	0.00	0.00	0.00	0.00	0.00
P-2170	J-1795	J-425	81.18	0.01	0.00	0.17	0.02	0.02
P-2171	J-1796	J-525	30.27	0.09	0.00	0.34	0.19	0.19
P-2172	J-1795	J-1796	16.92	0.00	0.00	0.18	0.04	0.04
P-2173	J-1797	J-1795	98.10	0.00	0.00	0.20	0.03	0.03
P-2174	J-23	J-1772	0.00	0.00	0.00	0.00	0.00	0.00
P-2175	J-23	J-1798	0.00	0.00	0.00	0.00	0.00	0.00
P-2176	J-1794	J-1798	0.00	0.00	0.00	0.00	0.00	0.00
P-2177	J-1800	J-5	300.00	0.02	0.00	0.48	0.11	0.11
P-2178	J-1800	J-1801	0.00	0.00	0.00	0.00	0.00	0.00
P-2179	J-1799	J-1801	0.00	0.00	0.00	0.00	0.00	0.00
P-218	J-199	J-200	6.64	0.01	0.00	0.08	0.01	0.01
P-2180	J-1026	J-1853	0.00	0.00	0.00	0.00	0.00	0.00
P-2181	J-1807	J-1802	56.24	0.00	0.00	0.16	0.02	0.02
P-2182	J-1804	J-1802	0.42	0.00	0.00	0.00	0.00	0.00
P-2183	J-295	J-1804	0.42	0.00	0.00	0.00	0.00	0.00
P-2184	J-1802	J-1806	56.66	0.00	0.00	0.16	0.02	0.02
P-2185	J-34	J-1805	111.18	0.02	0.00	0.32	0.07	0.07
P-2186	J-1807	J-35	0.42	0.00	0.00	0.00	0.00	0.00
P-2187	J-1805	J-1807	56.66	0.00	0.00	0.16	0.02	0.02
P-2188	J-1810	J-1815	0.00	0.00	0.00	0.00	0.00	0.00
P-2189	J-1809	J-1833	0.00	0.00	0.00	0.00	0.00	0.00
P-219	J-200	J-56	3.46	0.00	0.00	0.02	0.00	0.00
P-2190	O-P-EF1	J-1810	0.00	0.00	0.00	0.00	0.00	0.00
P-2191	J-1808	I-P-EF1	0.00	0.00	0.00	0.00	0.00	0.00
P-2192	J-1812	J-1813	0.00	0.00	0.00	0.00	0.00	0.00
P-2193	J-1812	I-P-EF3	0.00	0.00	0.00	0.00	0.00	0.00
P-2194	O-P-EF3	J-1811	0.00	0.00	0.00	0.00	0.00	0.00
P-2195	J-1813	J-1808	0.00	0.00	0.00	0.00	0.00	0.00
P-2196	J-1813	I-P-EF2	0.00	0.00	0.00	0.00	0.00	0.00
P-2197	J-1815	J-1811	0.00	0.00	0.00	0.00	0.00	0.00
P-2198	O-P-EF2	J-1815	0.00	0.00	0.00	0.00	0.00	0.00
P-2199	J-1814	J-34	0.00	0.00	0.00	0.00	0.00	0.00
P-22	J-159	J-19	152.05	0.17	0.00	0.43	0.13	0.13
P-220	J-200	J-55	3.18	0.00	0.00	0.02	0.00	0.00
P-2200	J-1814	J-1816	0.00	0.00	0.00	0.00	0.00	0.00
P-2201	J-1817	I-P-H1	0.00	0.00	0.00	0.00	0.00	0.00
P-2202	J-1817	J-1818	0.00	0.00	0.00	0.00	0.00	0.00
P-2203	O-P-H1	J-1816	0.00	0.00	0.00	0.00	0.00	0.00
P-2204	J-1814	O-P-H2	0.00	0.00	0.00	0.00	0.00	0.00
P-2205	J-389	J-1819	0.00	0.00	0.00	0.00	0.00	0.00
P-2206	O-Pump-HS1	J-1821	0.00	0.00	0.00	0.00	0.00	0.00
P-2207	O-Pump-HS2	J-1822	0.00	0.00	0.00	0.00	0.00	0.00
P-2208	O-Pump-HS3	J-1823	0.00	0.00	0.00	0.00	0.00	0.00
P-2209	J-1819	J-1822	0.00	0.00	0.00	0.00	0.00	0.00
P-221	J-56	J-202	0.00	0.00	0.00	0.00	0.00	0.00
P-2210	J-1822	J-1821	0.00	0.00	0.00	0.00	0.00	0.00

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P-2211	J-118	J-1820	133.54	0.35	0.00	0.38	0.10	0.10
P-2212	J-1820	J-1824	37.70	0.01	0.00	0.39	0.16	0.16
P-2213	J-1824	J-171	37.70	0.12	0.00	0.39	0.16	0.16
P-2214	J-1825	J-1256	113.58	0.15	0.00	0.66	0.30	0.30
P-2215	J-1827	J-1706	6.63	0.00	0.00	0.04	0.00	0.00
P-2216	J-1826	J-1827	3.47	0.00	0.00	0.02	0.00	0.00
P-2217	J-1914	J-1827	3.16	0.00	0.00	0.03	0.00	0.00
P-2218	J-1256	J-1828	153.44	0.37	0.00	0.89	0.52	0.52
P-2219	J-172	J-860	172.81	0.02	0.00	0.36	0.08	0.08
P-222	J-201	J-65	0.00	0.00	0.00	0.00	0.00	0.00
P-2220	J-172	J-1830	0.00	0.00	0.00	0.00	0.00	0.00
P-2221	J-1831	J-550	202.13	0.04	0.00	0.42	0.10	0.10
P-2222	J-1831	J-1832	0.00	0.00	0.00	0.00	0.00	0.00
P-2223	J-1833	J-722	0.00	0.00	0.00	0.00	0.00	0.00
P-2224	J-1833	J-1834	0.00	0.00	0.00	0.00	0.00	0.00
P-2225	J-1835	J-402	271.38	0.00	0.00	0.19	0.01	0.01
P-2226	J-1787	J-1836	0.00	0.00	0.00	0.00	0.00	0.00
P-2227	J-1836	J-1838	0.00	0.00	0.00	0.00	0.00	0.00
P-2228	J-1933	J-1932	0.00	0.00	0.00	0.00	0.00	0.00
P-2229	J-949	J-922	0.00	0.00	0.00	0.00	0.00	0.00
P-223	J-201	J-204	0.00	0.00	0.00	0.00	0.00	0.00
P-2230	J-1839	J-1851	0.06	0.00	0.00	0.00	0.00	0.00
P-2231	J-1841	J-1839	0.00	0.00	0.00	0.00	0.00	0.00
P-2232	J-1843	J-1839	0.06	0.00	0.00	0.00	0.00	0.00
P-2233	J-1842	J-1843	0.00	0.00	0.00	0.00	0.00	0.00
P-2234	J-1850	J-1843	0.06	0.00	0.00	0.00	0.00	0.00
P-2235	J-1851	J-1889	0.06	0.00	0.00	0.00	0.00	0.00
P-2236	J-1845	J-1847	0.00	0.00	0.00	0.00	0.00	0.00
P-2237	J-1803	J-1846	0.06	0.00	0.00	0.00	0.00	0.00
P-2238	J-1846	J-1849	0.00	0.00	0.00	0.00	0.00	0.00
P-2239	J-1848	J-1850	0.00	0.00	0.00	0.00	0.00	0.00
P-224	J-55	J-203	0.00	0.00	0.00	0.00	0.00	0.00
P-2240	J-1846	J-1850	0.06	0.00	0.00	0.00	0.00	0.00
P-2241	J-1803	J-1845	0.00	0.00	0.00	0.00	0.00	0.00
P-2242	J-1888	J-1803	0.06	0.00	0.00	0.00	0.00	0.00
P-2243	J-991	J-995	0.02	0.00	0.00	0.00	0.00	0.00
P-2244	J-1854	J-1909	0.00	0.00	0.00	0.00	0.00	0.00
P-2245	J-1749	J-1748	49.35	0.02	0.00	0.29	0.06	0.06
P-2246	J-972	J-1749	63.60	0.05	0.00	0.37	0.10	0.10
P-2247	J-1749	J-1856	14.26	0.01	0.00	0.15	0.03	0.03
P-2248	J-1855	J-1748	14.26	0.01	0.00	0.15	0.03	0.03
P-2249	J-1856	J-1855	14.26	0.01	0.00	0.15	0.03	0.03
P-225	J-205	J-66	0.00	0.00	0.00	0.00	0.00	0.00
P-2250	J-978	J-1403	0.00	0.00	0.00	0.00	0.00	0.00
P-2251	J-966	J-1858	53.02	0.00	0.00	0.34	0.13	0.13
P-2252	J-1859	J-978	42.81	0.06	0.00	0.44	0.20	0.20
P-2253	J-1859	J-1412	30.24	0.20	0.00	0.34	0.19	0.19
P-2254	J-1232	J-1857	152.36	1.26	0.00	0.97	0.91	0.91
P-2255	J-1857	J-1861	0.00	0.00	0.00	0.00	0.00	0.00
P-2256	J-1860	J-926	0.00	0.00	0.00	0.00	0.00	0.00
P-2257	J-1860	J-1865	0.00	0.00	0.00	0.00	0.00	0.00
P-2258	J-1864	J-1378	22.36	0.02	0.00	0.23	0.06	0.06
P-2259	J-1105	J-1862	22.36	0.02	0.00	0.23	0.06	0.06
P-226	J-205	J-207	3.46	0.00	0.00	0.04	0.00	0.00
P-2260	J-1862	J-1864	9.51	0.01	0.00	0.10	0.01	0.01
P-2261	J-1862	J-1864	12.84	0.01	0.00	0.13	0.02	0.02
P-2262	J-1865	J-1863	0.00	0.00	0.00	0.00	0.00	0.00

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P-2263	J-1865	J-1867	0.00	0.00	0.00	0.00	0.00	0.00
P-2264	J-595	J-1866	104.58	0.04	0.00	1.19	1.84	1.84
P-2265	J-1868	J-1866	1.89	0.06	0.00	0.19	0.23	0.23
P-2266	J-594	J-1869	1.89	0.00	0.00	0.02	0.00	0.00
P-2267	J-1869	J-1868	1.89	0.07	0.00	0.15	0.14	0.14
P-2268	J-1868	J-1870	0.00	0.00	0.00	0.00	0.00	0.00
P-2269	J-1868	J-1871	0.00	0.00	0.00	0.00	0.00	0.00
P-227	J-207	J-206	0.00	0.00	0.00	0.00	0.00	0.00
P-2270	J-719	J-1873	2.09	0.04	0.00	0.12	0.03	0.03
P-2271	J-1873	J-716	0.00	0.00	0.00	0.00	0.00	0.00
P-2272	J-1874	J-717	2.09	0.00	0.00	0.02	0.00	0.00
P-2273	J-155	J-1962	29.08	0.00	0.00	0.08	0.01	0.01
P-2274	J-1872	J-150	0.00	0.00	0.00	0.00	0.00	0.00
P-2275	J-1875	J-1872	0.00	0.00	0.00	0.00	0.00	0.00
P-2276	J-1875	J-1876	0.00	0.00	0.00	0.00	0.00	0.00
P-2277	J-1876	J-1877	0.00	0.00	0.00	0.00	0.00	0.00
P-2278	J-1876	J-1878	0.00	0.00	0.00	0.00	0.00	0.00
P-2279	J-97	J-1254	534.04	0.02	0.00	1.51	1.29	1.29
P-228	J-207	J-208	3.46	0.00	0.00	0.04	0.00	0.00
P-2280	J-1254	J-1880	0.00	0.00	0.00	0.00	0.00	0.00
P-2281	J-1880	J-1881	0.00	0.00	0.00	0.00	0.00	0.00
P-2282	J-297	J-1968	8.55	0.01	0.00	0.10	0.02	0.02
P-2283	J-584	J-1883	400.00	7.00	0.00	4.54	22.09	22.09
P-2284	J-1966	J-582	0.00	0.00	0.00	0.00	0.00	0.00
P-2285	J-620	J-1800	300.00	0.44	0.00	0.48	0.11	0.11
P-2287	J-620	J-781	0.00	0.00	0.00	0.00	0.00	0.00
P-2288	J-1884	J-1885	0.00	0.00	0.00	0.00	0.00	0.00
P-2289	J-1884	J-1886	0.00	0.00	0.00	0.00	0.00	0.00
P-229	J-208	J-209	0.00	0.00	0.00	0.00	0.00	0.00
P-2290	J-1884	J-1887	0.00	0.00	0.00	0.00	0.00	0.00
P-2292	J-1889	J-1888	0.06	0.00	0.00	0.00	0.00	0.00
P-2295	J-1891	J-198	6.64	0.00	0.00	0.02	0.00	0.00
P-2296	J-1897	J-1891	5.93	0.00	0.00	0.02	0.00	0.00
P-2297	J-1894	J-386	6.94	0.00	0.00	0.04	0.00	0.00
P-2298	J-1894	J-1895	2.70	0.00	0.00	0.03	0.00	0.00
P-2299	J-1895	J-1893	1.03	0.00	0.00	0.01	0.00	0.00
P-23	J-88	J-20	9.39	0.00	0.00	0.03	0.00	0.00
P-230	J-208	J-211	3.46	0.00	0.00	0.04	0.00	0.00
P-2300	J-1895	J-1900	1.67	0.00	0.00	0.02	0.00	0.00
P-2301	J-1899	J-1896	1.36	0.00	0.00	0.00	0.00	0.00
P-2302	J-1752	J-718	28.44	0.03	0.00	0.29	0.09	0.09
P-2303	J-1898	J-1896	3.71	0.00	0.00	0.04	0.00	0.00
P-2304	J-1896	J-1897	5.07	0.00	0.00	0.01	0.00	0.00
P-2305	J-1903	J-1897	0.86	0.00	0.00	0.01	0.00	0.00
P-2306	J-1901	J-1899	2.22	0.00	0.00	0.01	0.00	0.00
P-2307	J-1900	J-1904	0.92	0.00	0.00	0.01	0.00	0.00
P-2308	J-1900	J-1902	0.75	0.00	0.00	0.01	0.00	0.00
P-2309	J-1893	J-1902	1.03	0.00	0.00	0.00	0.00	0.00
P-231	J-54	J-211	134.06	0.01	0.00	0.13	0.00	0.00
P-2310	J-1902	J-1901	1.78	0.00	0.00	0.00	0.00	0.00
P-2311	J-1904	J-1901	0.44	0.00	0.00	0.00	0.00	0.00
P-2312	J-1904	J-1898	0.48	0.00	0.00	0.01	0.00	0.00
P-2313	J-1905	J-692	175.90	0.01	0.00	0.12	0.01	0.01
P-2314	J-1899	J-1903	0.86	0.00	0.00	0.01	0.00	0.00
P-2315	J-1905	J-1906	0.00	0.00	0.00	0.00	0.00	0.00
P-2316	J-1907	J-690	0.00	0.00	0.00	0.00	0.00	0.00
P-2317	J-1907	J-1908	0.00	0.00	0.00	0.00	0.00	0.00

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P-2318	J-567	J-1910	0.00	0.00	0.00	0.00	0.00	0.00
P-2319	J-1909	J-930	0.00	0.00	0.00	0.00	0.00	0.00
P-232	J-211	J-210	26.33	0.00	0.00	0.30	0.14	0.14
P-2320	J-1909	J-1911	0.00	0.00	0.00	0.00	0.00	0.00
P-2321	J-1912	J-558	37.77	0.11	0.00	0.43	0.28	0.28
P-2322	J-1912	J-1913	0.00	0.00	0.00	0.00	0.00	0.00
P-2323	J-1914	J-1826	3.47	0.00	0.00	0.02	0.00	0.00
P-2324	J-813	J-1525	20.29	0.01	0.00	0.12	0.01	0.01
P-2325	J-1708	J-1914	6.63	0.00	0.00	0.04	0.00	0.00
P-2326	J-861	J-865	7.82	0.01	0.00	0.08	0.01	0.01
P-2327	J-1915	J-1785	28.11	0.01	0.00	0.29	0.09	0.09
P-2328	J-1308	J-1917	51.87	0.01	0.00	0.14	0.01	0.01
P-2329	J-799	J-1921	0.00	0.00	0.00	0.00	0.00	0.00
P-233	J-210	J-214	26.33	0.01	0.00	0.30	0.14	0.14
P-2330	J-1328	J-1313	16.49	0.02	0.00	0.17	0.03	0.03
P-2331	J-1311	J-1330	0.00	0.00	0.00	0.00	0.00	0.00
P-2332	J-1919	J-1923	570.41	0.07	0.00	0.54	0.07	0.07
P-2333	J-1922	J-1919	36.25	0.00	0.00	0.10	0.01	0.01
P-2334	J-1923	J-1924	570.41	0.07	0.00	0.54	0.07	0.07
P-2335	J-1923	J-1853	0.00	0.00	0.00	0.00	0.00	0.00
P-2336	J-1929	J-1924	201.93	0.06	0.00	0.53	0.13	0.13
P-2337	J-1025	J-949	0.00	0.00	0.00	0.00	0.00	0.00
P-2338	J-1025	J-1930	772.34	0.06	0.00	0.73	0.13	0.13
P-2339	J-1930	J-1928	772.34	0.03	0.00	0.73	0.13	0.13
P-234	J-210	J-213	0.00	0.00	0.00	0.00	0.00	0.00
P-2340	J-1930	J-1931	0.00	0.00	0.00	0.00	0.00	0.00
P-2341	J-1926	J-1296	0.00	0.00	0.00	0.00	0.00	0.00
P-2342	J-1931	J-1015	0.00	0.00	0.00	0.00	0.00	0.00
P-2343	J-1933	J-1935	0.00	0.00	0.00	0.00	0.00	0.00
P-2344	J-1311	J-1916	12.76	0.00	0.00	0.03	0.00	0.00
P-2345	J-1917	J-1311	12.76	0.00	0.00	0.03	0.00	0.00
P-2346	J-1917	J-1916	39.11	0.00	0.00	0.10	0.01	0.01
P-2347	J-1916	J-1939	51.87	0.01	0.00	0.14	0.01	0.01
P-2348	J-1934	J-415	18.78	0.03	0.00	0.21	0.08	0.08
P-2349	J-1934	J-1936	0.00	0.00	0.00	0.00	0.00	0.00
P-235	J-214	J-212	0.00	0.00	0.00	0.00	0.00	0.00
P-2350	J-1937	J-1940	3.71	0.00	0.00	0.04	0.00	0.00
P-2351	J-1939	J-1307	13.98	0.00	0.00	0.04	0.00	0.00
P-2352	J-742	J-1940	54.95	0.03	0.00	0.16	0.02	0.02
P-2353	J-1947	J-75	4.97	0.00	0.00	0.03	0.00	0.00
P-2354	J-75	J-1938	7.23	0.00	0.00	0.04	0.00	0.00
P-2355	J-1945	J-75	2.26	0.00	0.00	0.02	0.00	0.00
P-2356	J-1941	J-1946	0.00	0.00	0.00	0.00	0.00	0.00
P-2357	J-497	J-1944	111.18	0.00	0.00	0.11	0.00	0.00
P-2358	J-1942	J-1941	0.00	0.00	0.00	0.00	0.00	0.00
P-2359	J-1944	J-1945	7.23	0.00	0.00	0.04	0.00	0.00
P-236	J-214	J-215	26.33	0.20	0.00	0.30	0.14	0.14
P-2360	J-1943	J-1942	0.00	0.00	0.00	0.00	0.00	0.00
P-2361	J-1945	J-1947	1.20	0.00	0.00	0.01	0.00	0.00
P-2362	J-1945	J-1947	3.78	0.00	0.00	0.02	0.00	0.00
P-2363	J-1946	J-520	0.00	0.00	0.00	0.00	0.00	0.00
P-2364	J-1946	J-1948	0.00	0.00	0.00	0.00	0.00	0.00
P-2365	J-1948	J-1943	0.00	0.00	0.00	0.00	0.00	0.00
P-2366	J-1948	J-1950	0.00	0.00	0.00	0.00	0.00	0.00
P-2367	J-1095	J-1747	26.90	0.14	0.00	0.31	0.15	0.15
P-2368	J-1949	J-44	0.00	0.00	0.00	0.00	0.00	0.00
P-2369	J-1954	J-1952	0.00	0.00	0.00	0.00	0.00	0.00

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P-237	J-215	J-78	0.00	0.00	0.00	0.00	0.00	0.00
P-2370	J-1951	J-871	0.00	0.00	0.00	0.00	0.00	0.00
P-2371	J-1978	J-672	0.00	0.00	0.00	0.00	0.00	0.00
P-2372	J-1063	J-1980	0.00	0.00	0.00	0.00	0.00	0.00
P-2373	J-1063	J-1981	0.00	0.00	0.00	0.00	0.00	0.00
P-2374	J-1953	J-882	0.00	0.00	0.00	0.00	0.00	0.00
P-2375	J-1955	J-888	0.00	0.00	0.00	0.00	0.00	0.00
P-2376	J-1982	J-1561	0.00	0.00	0.00	0.00	0.00	0.00
P-2377	J-1958	J-137	38.01	0.01	0.00	0.22	0.04	0.04
P-2378	J-137	J-925	6.37	0.00	0.00	0.07	0.01	0.01
P-2379	J-925	J-1957	26.42	0.01	0.00	0.15	0.02	0.02
P-238	J-48	J-1757	0.07	0.00	0.00	0.00	0.00	0.00
P-2380	J-137	J-1956	31.63	0.01	0.00	0.18	0.03	0.03
P-2381	J-1956	J-1957	4.53	0.00	0.00	0.05	0.00	0.00
P-2382	J-1957	J-706	30.95	0.02	0.00	0.18	0.03	0.03
P-2383	J-1958	J-925	20.05	0.01	0.00	0.12	0.01	0.01
P-2384	J-1959	J-1958	58.05	0.03	0.00	0.34	0.09	0.09
P-2385	J-1959	J-341	0.00	0.00	0.00	0.00	0.00	0.00
P-2386	J-1960	J-6	467.70	0.25	0.00	0.69	0.15	0.15
P-2387	J-1961	J-1875	0.00	0.00	0.00	0.00	0.00	0.00
P-2388	J-1962	J-1963	0.00	0.00	0.00	0.00	0.00	0.00
P-2389	J-1964	J-85	0.00	0.00	0.00	0.00	0.00	0.00
P-239	J-82	J-46	0.08	0.00	0.00	0.00	0.00	0.00
P-2390	J-22	J-1965	9.29	0.00	0.00	0.03	0.00	0.00
P-2391	J-1965	J-1964	71.76	0.01	0.00	0.42	0.13	0.13
P-2392	J-1966	J-580	0.00	0.00	0.00	0.00	0.00	0.00
P-2394	J-1967	J-257	0.00	0.00	0.00	0.00	0.00	0.00
P-2395	J-1967	J-1969	2.33	0.00	0.00	0.03	0.00	0.00
P-2396	J-256	J-1969	4.37	0.00	0.00	0.05	0.01	0.01
P-2397	J-673	J-1970	271.38	0.00	0.00	0.09	0.00	0.00
P-2398	J-1970	J-1971	0.00	0.00	0.00	0.00	0.00	0.00
P-2399	J-491	J-723	12.00	0.00	0.00	0.03	0.00	0.00
P-24	J-21	J-23	0.00	0.00	0.00	0.00	0.00	0.00
P-240	J-48	J-217	0.00	0.00	0.00	0.00	0.00	0.00
P-2400	J-1972	J-493	0.00	0.00	0.00	0.00	0.00	0.00
P-2401	J-487	J-1973	73.47	0.01	0.00	0.30	0.08	0.08
P-2402	J-444	J-1974	0.00	0.00	0.00	0.00	0.00	0.00
P-2403	J-695	J-1975	114.39	0.11	0.00	0.47	0.18	0.18
P-2404	J-451	J-1976	27.59	0.01	0.00	0.11	0.01	0.01
P-2405	J-1429	J-1977	1.34	0.00	0.00	0.02	0.00	0.00
P-2406	J-1049	J-1480	5.05	0.00	0.00	0.01	0.00	0.00
P-2407	J-1985	J-1986	0.00	0.00	0.00	0.00	0.00	0.00
P-2408	J-1986	J-761	0.00	0.00	0.00	0.00	0.00	0.00
P-2409	J-1733	J-1988	0.00	0.00	0.00	0.00	0.00	0.00
P-241	J-217	J-216	0.00	0.00	0.00	0.00	0.00	0.00
P-2410	J-1988	J-1726	0.00	0.00	0.00	0.00	0.00	0.00
P-2411	J-775	J-806	3.17	0.00	0.00	0.01	0.00	0.00
P-2412	J-1538	J-1324	0.00	0.00	0.00	0.00	0.00	0.00
P-2413	J-1130	J-1730	0.00	0.00	0.00	0.00	0.00	0.00
P-2414	J-1994	J-1729	0.00	0.00	0.00	0.00	0.00	0.00
P-2415	J-1700	J-1995	12.01	0.02	0.00	0.14	0.03	0.03
P-2416	J-1995	J-1727	3.44	0.00	0.00	0.02	0.00	0.00
P-2417	J-769	J-1997	17.68	0.02	0.00	0.18	0.04	0.04
P-2418	J-1997	J-1996	0.00	0.00	0.00	0.00	0.00	0.00
P-2419	J-1997	J-1998	17.68	0.01	0.00	0.18	0.04	0.04
P-242	J-217	J-218	0.00	0.00	0.00	0.00	0.00	0.00
P-2420	J-1998	J-1999	0.00	0.00	0.00	0.00	0.00	0.00

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P-2421	J-1998	J-1190	17.68	0.03	0.00	0.18	0.04	0.04
P-2422	J-2000	J-1142	166.25	0.46	0.00	1.06	1.07	1.07
P-2423	J-2000	J-2002	0.00	0.00	0.00	0.00	0.00	0.00
P-2424	J-1072	J-1987	0.00	0.00	0.00	0.00	0.00	0.00
P-2426	O-RV-4	I-RV-5	0.00	0.00	0.00	0.00	0.00	0.00
P-2427	O-RV-5	J-912	0.00	0.00	0.00	0.00	0.00	0.00
P-2428	O-RV-6	J-1728	0.00	0.00	0.00	0.00	0.00	0.00
P-2429	O-P-G2	J-1049	0.00	0.00	0.00	0.00	0.00	0.00
P-243	J-217	J-220	0.00	0.00	0.00	0.00	0.00	0.00
P-244	J-52	J-219	0.00	0.00	0.00	0.00	0.00	0.00
P-245	J-187	J-222	0.00	0.00	0.00	0.00	0.00	0.00
P-246	J-221	J-80	0.00	0.00	0.00	0.00	0.00	0.00
P-247	J-221	J-223	0.00	0.00	0.00	0.00	0.00	0.00
P-248	J-223	J-224	0.00	0.00	0.00	0.00	0.00	0.00
P-249	J-223	J-725	0.00	0.00	0.00	0.00	0.00	0.00
P-25	J-89	J-21	155.01	0.18	0.00	0.44	0.13	0.13
P-250	J-72	J-60	0.00	0.00	0.00	0.00	0.00	0.00
P-251	J-225	J-227	0.00	0.00	0.00	0.00	0.00	0.00
P-252	J-228	J-61	0.00	0.00	0.00	0.00	0.00	0.00
P-253	J-228	J-230	0.00	0.00	0.00	0.00	0.00	0.00
P-254	J-229	J-233	0.00	0.00	0.00	0.00	0.00	0.00
P-255	J-229	J-232	0.00	0.00	0.00	0.00	0.00	0.00
P-256	J-231	J-229	0.00	0.00	0.00	0.00	0.00	0.00
P-257	J-231	J-234	0.00	0.00	0.00	0.00	0.00	0.00
P-258	J-233	J-57	0.00	0.00	0.00	0.00	0.00	0.00
P-259	J-233	J-235	0.00	0.00	0.00	0.00	0.00	0.00
P-26	J-24	J-1965	62.47	0.00	0.00	0.18	0.02	0.02
P-260	J-236	J-59	0.00	0.00	0.00	0.00	0.00	0.00
P-261	J-236	J-237	0.00	0.00	0.00	0.00	0.00	0.00
P-262	J-238	J-67	0.08	0.00	0.00	0.00	0.00	0.00
P-263	J-238	J-240	0.04	0.00	0.00	0.00	0.00	0.00
P-264	J-240	J-73	0.12	0.00	0.00	0.00	0.00	0.00
P-265	J-1968	J-239	103.56	0.07	0.00	0.29	0.06	0.06
P-266	J-264	J-239	6.78	0.02	0.00	0.08	0.01	0.01
P-267	J-241	J-242	2.16	0.00	0.00	0.02	0.00	0.00
P-268	J-253	J-241	2.16	0.00	0.00	0.02	0.00	0.00
P-269	J-241	J-244	0.00	0.00	0.00	0.00	0.00	0.00
P-27	J-26	J-24	0.10	0.00	0.00	0.00	0.00	0.00
P-270	J-242	J-243	4.81	0.00	0.00	0.05	0.01	0.01
P-271	J-252	J-243	8.02	0.01	0.00	0.09	0.02	0.02
P-272	J-260	J-245	6.81	0.01	0.00	0.08	0.01	0.01
P-273	J-247	J-106	16.23	0.01	0.00	0.10	0.01	0.01
P-274	J-245	J-106	0.68	0.00	0.00	0.01	0.00	0.00
P-275	J-106	J-248	16.91	0.04	0.00	0.19	0.06	0.06
P-276	J-248	J-246	0.00	0.00	0.00	0.00	0.00	0.00
P-277	J-248	J-249	16.91	0.01	0.00	0.19	0.06	0.06
P-278	J-249	J-250	0.00	0.00	0.00	0.00	0.00	0.00
P-279	J-249	J-98	16.91	0.02	0.00	0.19	0.06	0.06
P-28	J-26	J-27	0.00	0.00	0.00	0.00	0.00	0.00
P-280	J-251	J-98	13.67	0.02	0.00	0.16	0.04	0.04
P-281	J-280	J-251	12.83	0.01	0.00	0.15	0.04	0.04
P-282	J-245	J-252	6.13	0.00	0.00	0.07	0.01	0.01
P-283	J-254	J-252	1.89	0.00	0.00	0.02	0.00	0.00
P-284	J-253	J-242	2.65	0.00	0.00	0.03	0.00	0.00
P-285	J-254	J-253	4.81	0.00	0.00	0.05	0.01	0.01
P-286	J-1969	J-254	6.70	0.00	0.00	0.08	0.01	0.01
P-287	J-255	J-256	3.85	0.00	0.00	0.02	0.00	0.00

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P-288	J-255	J-256	0.53	0.00	0.00	0.01	0.00	0.00
P-289	J-258	J-255	4.37	0.00	0.00	0.03	0.00	0.00
P-29	J-20	J-26	0.10	0.00	0.00	0.00	0.00	0.00
P-290	J-258	J-1967	2.33	0.00	0.00	0.03	0.00	0.00
P-291	J-260	J-258	6.70	0.00	0.00	0.04	0.00	0.00
P-292	J-247	J-260	13.52	0.01	0.00	0.08	0.01	0.01
P-293	J-259	J-247	29.75	0.02	0.00	0.19	0.04	0.04
P-294	J-259	J-261	0.00	0.00	0.00	0.00	0.00	0.00
P-295	J-261	J-262	0.09	0.00	0.00	0.00	0.00	0.00
P-296	J-262	J-263	0.05	0.00	0.00	0.00	0.00	0.00
P-297	J-263	J-261	0.09	0.00	0.00	0.00	0.00	0.00
P-298	J-262	J-263	0.04	0.00	0.00	0.00	0.00	0.00
P-299	J-264	J-251	0.84	0.00	0.00	0.01	0.00	0.00
P-3	J-1	J-2	150.00	1.18	0.00	0.43	0.12	0.12
P-30	J-105	J-29	400.50	0.13	0.00	1.14	0.76	0.76
P-300	J-268	J-264	7.62	0.01	0.00	0.09	0.01	0.01
P-301	J-266	J-265	1.32	0.00	0.00	0.01	0.00	0.00
P-302	J-266	J-265	1.75	0.00	0.00	0.02	0.00	0.00
P-303	J-265	J-268	3.07	0.00	0.00	0.03	0.00	0.00
P-304	J-267	J-268	4.55	0.00	0.00	0.05	0.01	0.01
P-305	J-267	J-266	3.07	0.00	0.00	0.03	0.00	0.00
P-306	J-293	J-267	7.62	0.02	0.00	0.09	0.01	0.01
P-307	J-84	J-271	0.00	0.00	0.00	0.00	0.00	0.00
P-308	J-271	J-270	0.00	0.00	0.00	0.00	0.00	0.00
P-309	J-271	J-272	0.00	0.00	0.00	0.00	0.00	0.00
P-31	J-29	J-166	278.89	0.70	0.00	0.79	0.39	0.39
P-310	J-272	J-273	0.00	0.00	0.00	0.00	0.00	0.00
P-311	J-272	J-275	0.00	0.00	0.00	0.00	0.00	0.00
P-312	J-32	J-274	167.26	0.04	0.00	0.47	0.15	0.15
P-313	J-274	J-276	0.00	0.00	0.00	0.00	0.00	0.00
P-314	J-95	J-277	140.93	0.01	0.00	0.40	0.11	0.11
P-315	J-277	J-278	0.00	0.00	0.00	0.00	0.00	0.00
P-316	J-243	J-279	12.83	0.03	0.00	0.15	0.04	0.04
P-317	J-279	J-281	0.00	0.00	0.00	0.00	0.00	0.00
P-318	J-279	J-280	12.83	0.00	0.00	0.15	0.04	0.04
P-319	J-280	J-282	0.00	0.00	0.00	0.00	0.00	0.00
P-32	J-31	J-169	247.52	0.14	0.00	0.70	0.31	0.31
P-320	J-283	J-96	0.00	0.00	0.00	0.00	0.00	0.00
P-321	J-283	J-284	0.00	0.00	0.00	0.00	0.00	0.00
P-322	J-285	J-283	0.00	0.00	0.00	0.00	0.00	0.00
P-323	J-285	J-286	0.00	0.00	0.00	0.00	0.00	0.00
P-324	J-86	J-287	0.00	0.00	0.00	0.00	0.00	0.00
P-325	J-86	J-288	0.00	0.00	0.00	0.00	0.00	0.00
P-326	J-91	J-289	0.00	0.00	0.00	0.00	0.00	0.00
P-327	J-91	J-290	21.63	0.16	0.00	0.25	0.10	0.10
P-328	J-291	J-302	17.58	0.00	0.00	0.11	0.02	0.02
P-329	J-290	J-301	20.53	0.02	0.00	0.23	0.09	0.09
P-33	J-30	J-24	62.37	0.01	0.00	0.18	0.02	0.02
P-330	J-290	J-309	1.10	0.00	0.00	0.01	0.00	0.00
P-331	J-292	J-164	77.19	0.22	0.00	0.49	0.26	0.26
P-332	J-29	J-292	42.08	0.20	0.00	0.48	0.34	0.34
P-333	J-293	J-269	0.00	0.00	0.00	0.00	0.00	0.00
P-334	J-1968	J-293	7.62	0.01	0.00	0.09	0.01	0.01
P-335	J-1806	J-294	8.55	0.01	0.00	0.10	0.02	0.02
P-336	J-294	J-447	0.00	0.00	0.00	0.00	0.00	0.00
P-337	J-294	J-297	8.55	0.01	0.00	0.10	0.02	0.02
P-338	J-297	J-298	0.00	0.00	0.00	0.00	0.00	0.00

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P-339	J-300	J-299	9.04	0.00	0.00	0.03	0.00	0.00
P-34	J-28	J-30	167.26	0.01	0.00	0.47	0.15	0.15
P-340	J-300	J-299	0.35	0.00	0.00	0.00	0.00	0.00
P-341	J-160	J-300	9.39	0.00	0.00	0.03	0.00	0.00
P-342	J-301	J-291	14.62	0.00	0.00	0.17	0.05	0.05
P-343	J-301	J-303	5.91	0.00	0.00	0.07	0.01	0.01
P-344	J-303	J-304	4.16	0.00	0.00	0.05	0.00	0.00
P-345	J-302	J-161	23.49	0.02	0.00	0.15	0.03	0.03
P-346	J-304	J-302	5.91	0.00	0.00	0.07	0.01	0.01
P-347	J-303	J-304	1.75	0.00	0.00	0.02	0.00	0.00
P-348	J-161	J-305	23.49	0.03	0.00	0.27	0.12	0.12
P-349	J-305	J-163	10.18	0.02	0.00	0.12	0.02	0.02
P-35	J-1879	J-32	167.26	0.10	0.00	1.07	1.08	1.08
P-350	J-305	J-306	13.31	0.01	0.00	0.15	0.04	0.04
P-351	J-306	J-307	0.00	0.00	0.00	0.00	0.00	0.00
P-352	J-306	J-162	13.31	0.01	0.00	0.15	0.04	0.04
P-353	J-305	J-308	0.00	0.00	0.00	0.00	0.00	0.00
P-354	J-309	J-311	1.10	0.00	0.00	0.01	0.00	0.00
P-355	J-309	J-310	0.00	0.00	0.00	0.00	0.00	0.00
P-356	J-313	J-311	16.20	0.02	0.00	0.18	0.06	0.06
P-357	J-312	J-315	33.69	0.02	0.00	0.22	0.06	0.06
P-358	J-311	J-312	17.30	0.05	0.00	0.20	0.07	0.07
P-359	J-292	J-313	35.03	0.17	0.00	0.40	0.24	0.24
P-36	J-76	J-34	111.18	0.00	0.00	0.11	0.00	0.00
P-360	J-314	J-312	16.39	0.00	0.00	0.10	0.01	0.01
P-361	J-313	J-314	18.83	0.06	0.00	0.21	0.08	0.08
P-362	J-315	J-162	36.41	0.02	0.00	0.23	0.06	0.06
P-363	J-316	J-315	2.73	0.00	0.00	0.03	0.00	0.00
P-364	J-164	J-317	63.29	0.05	0.00	0.40	0.18	0.18
P-365	J-316	J-317	13.62	0.03	0.00	0.15	0.04	0.04
P-366	J-314	J-316	16.34	0.02	0.00	0.19	0.06	0.06
P-367	J-318	J-321	41.10	0.03	0.00	0.26	0.08	0.08
P-368	J-318	J-319	18.81	0.11	0.00	0.21	0.08	0.08
P-369	J-1962	J-320	29.08	0.00	0.00	0.08	0.01	0.01
P-37	J-1805	J-33	54.51	0.00	0.00	0.15	0.02	0.02
P-370	J-319	J-320	66.56	0.27	0.00	0.76	0.80	0.80
P-371	J-165	J-321	6.65	0.00	0.00	0.04	0.00	0.00
P-372	J-321	J-319	47.75	0.08	0.00	0.54	0.43	0.43
P-373	J-322	J-181	7.00	0.00	0.00	0.04	0.00	0.00
P-374	J-180	J-322	7.00	0.02	0.00	0.08	0.01	0.01
P-375	J-323	J-326	5.30	0.00	0.00	0.03	0.00	0.00
P-376	J-16	J-324	24.41	0.00	0.00	0.07	0.00	0.00
P-377	J-324	J-323	0.63	0.00	0.00	0.01	0.00	0.00
P-378	J-324	J-325	20.47	0.00	0.00	0.06	0.00	0.00
P-379	J-324	J-325	3.31	0.00	0.00	0.04	0.00	0.00
P-38	J-1806	J-33	48.12	0.00	0.00	0.14	0.01	0.01
P-380	J-325	J-326	1.89	0.00	0.00	0.02	0.00	0.00
P-381	J-326	J-155	7.19	0.00	0.00	0.05	0.00	0.00
P-382	J-327	J-704	191.24	0.31	0.00	0.54	0.19	0.19
P-383	J-327	J-329	41.38	0.42	0.00	0.47	0.33	0.33
P-384	J-329	J-356	0.07	0.00	0.00	0.00	0.00	0.00
P-385	J-329	J-154	41.38	0.19	0.00	0.47	0.33	0.33
P-386	J-169	J-328	14.89	0.00	0.00	0.10	0.01	0.01
P-387	J-328	J-167	2.34	0.00	0.00	0.03	0.00	0.00
P-388	J-167	J-330	9.42	0.01	0.00	0.11	0.02	0.02
P-389	J-328	J-330	5.48	0.01	0.00	0.06	0.01	0.01
P-39	J-7	J-38	50.09	0.59	0.00	0.32	0.12	0.12

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P-390	J-330	J-331	14.89	0.00	0.00	0.10	0.01	0.01
P-391	J-332	J-331	43.16	0.31	0.00	0.49	0.36	0.36
P-392	J-333	J-17	103.67	0.07	0.00	0.29	0.06	0.06
P-393	J-333	J-332	43.16	0.01	0.00	0.49	0.36	0.36
P-394	J-332	J-334	0.00	0.00	0.00	0.00	0.00	0.00
P-395	J-331	J-1959	58.05	0.30	0.00	0.66	0.62	0.62
P-396	J-335	J-336	0.00	0.00	0.00	0.00	0.00	0.00
P-397	J-335	J-338	0.00	0.00	0.00	0.00	0.00	0.00
P-398	J-337	J-340	0.00	0.00	0.00	0.00	0.00	0.00
P-399	J-339	J-347	161.37	0.02	0.00	0.46	0.14	0.14
P-4	T-Hahn	J-4	758.21	0.01	0.00	0.72	0.12	0.12
P-40	J-320	J-37	95.64	0.08	0.00	0.27	0.05	0.05
P-400	J-340	J-339	0.00	0.00	0.00	0.00	0.00	0.00
P-401	J-342	J-341	0.03	0.00	0.00	0.00	0.00	0.00
P-402	J-341	J-343	0.03	0.00	0.00	0.00	0.00	0.00
P-403	J-342	J-335	0.00	0.00	0.00	0.00	0.00	0.00
P-404	J-343	J-342	0.03	0.00	0.00	0.00	0.00	0.00
P-405	J-343	J-344	0.00	0.00	0.00	0.00	0.00	0.00
P-406	J-345	J-339	161.37	0.03	0.00	0.46	0.14	0.14
P-407	J-345	J-347	6.33	0.05	0.00	0.07	0.01	0.01
P-408	J-347	J-168	167.70	0.10	0.00	0.48	0.15	0.15
P-409	J-346	J-349	17.97	0.01	0.00	0.10	0.01	0.01
P-41	J-37	J-119	444.78	0.35	0.00	1.26	0.92	0.92
P-410	J-346	J-348	12.00	0.02	0.00	0.12	0.02	0.02
P-411	J-348	J-354	29.97	0.01	0.00	0.19	0.04	0.04
P-412	J-348	J-350	0.00	0.00	0.00	0.00	0.00	0.00
P-413	J-349	J-348	17.97	0.00	0.00	0.10	0.01	0.01
P-414	J-349	J-352	0.00	0.00	0.00	0.00	0.00	0.00
P-415	J-351	J-346	29.97	0.02	0.00	0.19	0.04	0.04
P-416	J-351	J-353	20.30	0.03	0.00	0.21	0.05	0.05
P-417	J-354	J-152	50.27	0.02	0.00	0.29	0.07	0.07
P-418	J-353	J-354	20.30	0.02	0.00	0.21	0.05	0.05
P-419	J-354	J-355	0.00	0.00	0.00	0.00	0.00	0.00
P-42	J-171	J-39	249.43	0.18	0.00	0.71	0.31	0.31
P-420	J-356	J-329	0.07	0.00	0.00	0.00	0.00	0.00
P-421	J-357	J-358	147.87	0.05	0.00	0.42	0.12	0.12
P-422	J-357	J-359	0.00	0.00	0.00	0.00	0.00	0.00
P-423	J-358	J-152	132.20	0.03	0.00	0.38	0.10	0.10
P-424	J-358	J-361	15.67	0.07	0.00	0.18	0.05	0.05
P-425	J-361	J-733	198.15	0.08	0.00	0.56	0.21	0.21
P-426	J-147	J-360	51.15	0.15	0.00	0.58	0.49	0.49
P-427	J-360	J-362	0.00	0.00	0.00	0.00	0.00	0.00
P-428	J-360	J-153	51.15	0.33	0.00	0.58	0.49	0.49
P-429	J-153	J-134	135.39	0.95	0.00	1.54	2.97	2.97
P-43	J-39	J-129	733.61	0.17	0.00	2.08	2.32	2.32
P-430	J-134	J-363	0.00	0.00	0.00	0.00	0.00	0.00
P-431	J-364	J-153	84.25	0.17	0.00	0.54	0.30	0.30
P-432	J-734	J-364	17.62	0.05	0.00	0.20	0.07	0.07
P-433	J-734	J-367	155.28	0.06	0.00	0.41	0.08	0.08
P-434	J-120	J-135	115.89	0.23	0.00	0.74	0.55	0.55
P-435	J-135	J-366	32.51	0.17	0.00	0.37	0.21	0.21
P-436	J-366	J-368	32.51	0.02	0.00	0.21	0.05	0.05
P-437	J-368	J-123	56.12	0.07	0.00	0.36	0.14	0.14
P-438	J-369	J-368	23.61	0.09	0.00	0.27	0.12	0.12
P-439	J-135	J-369	83.38	0.10	0.00	0.53	0.30	0.30
P-44	J-38	J-41	50.09	0.00	0.00	0.13	0.01	0.01
P-440	J-367	J-371	0.00	0.00	0.00	0.00	0.00	0.00

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P-441	J-374	J-42	200.00	0.27	0.00	0.57	0.21	0.21
P-442	J-372	J-115	133.54	1.32	0.00	0.85	0.71	0.71
P-443	J-372	J-186	0.00	0.00	0.00	0.00	0.00	0.00
P-444	J-186	J-373	0.00	0.00	0.00	0.00	0.00	0.00
P-445	J-182	J-375	0.00	0.00	0.00	0.00	0.00	0.00
P-446	J-182	J-184	0.00	0.00	0.00	0.00	0.00	0.00
P-447	J-136	J-365	0.00	0.00	0.00	0.00	0.00	0.00
P-448	J-376	J-374	200.00	0.45	0.00	0.57	0.21	0.21
P-449	J-377	J-376	200.00	1.33	0.00	0.57	0.21	0.21
P-45	J-41	J-36	300.00	0.01	0.00	0.48	0.11	0.11
P-450	J-378	J-379	200.00	1.20	0.00	0.57	0.21	0.21
P-451	J-379	J-380	200.00	0.28	0.00	0.57	0.21	0.21
P-452	J-380	J-377	200.00	0.76	0.00	0.57	0.21	0.21
P-453	J-381	J-856	0.00	0.00	0.00	0.00	0.00	0.00
P-454	J-387	J-1753	0.01	0.00	0.00	0.00	0.00	0.00
P-455	J-382	J-383	0.00	0.00	0.00	0.00	0.00	0.00
P-456	J-386	J-382	3.23	0.00	0.00	0.02	0.00	0.00
P-457	J-196	J-384	0.31	0.00	0.00	0.00	0.00	0.00
P-458	J-386	J-45	3.71	0.00	0.00	0.02	0.00	0.00
P-459	J-385	J-192	0.00	0.00	0.00	0.00	0.00	0.00
P-46	J-36	J-620	300.00	0.19	0.00	0.48	0.11	0.11
P-460	J-1755	J-387	0.01	0.00	0.00	0.00	0.00	0.00
P-461	J-388	J-1894	9.64	0.00	0.00	0.06	0.00	0.00
P-462	J-392	J-389	0.64	0.00	0.00	0.00	0.00	0.00
P-463	J-390	J-681	13.54	0.00	0.00	0.00	0.00	0.00
P-464	J-399	J-390	14.18	0.00	0.00	0.00	0.00	0.00
P-465	J-390	J-392	0.64	0.00	0.00	0.00	0.00	0.00
P-466	J-401	J-393	117.85	0.00	0.00	0.04	0.00	0.00
P-467	J-394	J-391	115.32	0.00	0.00	0.04	0.00	0.00
P-468	J-396	J-391	156.06	0.00	0.00	0.05	0.00	0.00
P-469	J-389	J-397	0.64	0.00	0.00	0.00	0.00	0.00
P-47	J-136	J-43	140.51	0.03	0.00	0.13	0.01	0.01
P-470	J-397	J-400	14.18	0.00	0.00	0.00	0.00	0.00
P-471	J-395	J-708	705.00	2.24	0.00	2.00	2.16	2.16
P-472	J-398	J-399	14.18	0.00	0.00	0.00	0.00	0.00
P-473	J-400	J-406	14.18	0.00	0.00	0.01	0.00	0.00
P-474	J-1970	J-401	271.38	0.00	0.00	0.09	0.00	0.00
P-475	J-393	J-398	117.85	0.00	0.00	0.02	0.00	0.00
P-476	J-398	J-404	103.67	0.00	0.00	0.07	0.00	0.00
P-477	J-402	J-403	223.28	0.00	0.00	0.16	0.01	0.01
P-478	J-404	J-1835	271.38	0.02	0.00	0.19	0.01	0.01
P-479	J-406	J-404	167.71	0.00	0.00	0.07	0.00	0.00
P-48	J-43	J-388	9.64	0.00	0.00	0.06	0.00	0.00
P-480	J-401	J-406	153.53	0.00	0.00	0.07	0.00	0.00
P-481	J-403	J-1905	175.90	0.00	0.00	0.12	0.01	0.01
P-482	J-402	J-409	48.10	0.00	0.00	0.10	0.01	0.01
P-483	J-403	J-408	47.39	0.00	0.00	0.10	0.01	0.01
P-484	J-408	J-407	95.48	0.00	0.00	0.10	0.00	0.00
P-485	J-409	J-408	48.10	0.00	0.00	0.05	0.00	0.00
P-486	J-407	J-423	160.53	0.01	0.00	0.16	0.01	0.01
P-487	J-420	J-407	65.04	0.00	0.00	0.07	0.00	0.00
P-488	J-411	J-416	71.95	0.00	0.00	0.15	0.01	0.01
P-489	J-418	J-413	75.56	0.00	0.00	0.16	0.02	0.02
P-49	J-45	J-185	0.31	0.00	0.00	0.00	0.00	0.00
P-490	J-413	J-3	122.96	0.00	0.00	0.26	0.04	0.04
P-491	J-416	J-413	47.40	0.00	0.00	0.10	0.01	0.01
P-492	J-416	J-417	24.55	0.00	0.00	0.05	0.00	0.00

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P-493	J-414	J-418	91.53	0.00	0.00	0.19	0.02	0.02
P-494	J-417	J-419	24.55	0.00	0.00	0.07	0.00	0.00
P-495	J-418	J-419	15.96	0.00	0.00	0.05	0.00	0.00
P-496	J-419	J-675	40.52	0.00	0.00	0.11	0.01	0.01
P-497	J-412	J-420	215.15	0.03	0.00	0.22	0.02	0.02
P-498	J-420	J-521	150.10	0.04	0.00	0.31	0.06	0.06
P-499	J-423	J-424	0.00	0.00	0.00	0.00	0.00	0.00
P-5	J-4	J-1960	467.70	0.14	0.00	0.69	0.15	0.15
P-50	J-45	J-194	3.40	0.00	0.00	0.02	0.00	0.00
P-500	J-422	J-424	0.00	0.00	0.00	0.00	0.00	0.00
P-501	J-211	J-497	111.18	0.00	0.00	0.11	0.00	0.00
P-502	J-423	J-425	160.53	0.07	0.00	0.33	0.07	0.07
P-503	J-425	J-526	241.70	0.08	0.00	0.50	0.14	0.14
P-504	J-426	J-427	109.42	0.12	0.00	0.45	0.17	0.17
P-505	J-431	J-427	9.90	0.00	0.00	0.04	0.00	0.00
P-506	J-429	J-426	219.41	0.00	0.00	0.90	0.60	0.60
P-507	J-427	J-428	119.32	0.01	0.00	0.31	0.05	0.05
P-508	J-428	J-492	18.53	0.00	0.00	0.05	0.00	0.00
P-509	J-426	J-431	109.99	0.12	0.00	0.45	0.17	0.17
P-51	J-47	J-1891	0.71	0.00	0.00	0.00	0.00	0.00
P-510	J-431	J-430	100.09	0.01	0.00	0.41	0.14	0.14
P-511	J-428	J-444	100.78	0.03	0.00	0.29	0.06	0.06
P-512	J-433	J-460	243.64	0.01	0.00	0.69	0.30	0.30
P-513	J-473	J-433	67.61	0.01	0.00	0.19	0.03	0.03
P-514	J-436	J-434	83.94	0.06	0.00	0.24	0.04	0.04
P-515	J-471	J-436	107.42	0.02	0.00	0.28	0.04	0.04
P-516	J-438	J-437	79.17	0.00	0.00	0.21	0.02	0.02
P-517	J-437	J-494	1.42	0.00	0.00	0.00	0.00	0.00
P-518	J-439	J-470	97.11	0.01	0.00	0.28	0.05	0.05
P-519	J-439	J-441	3.74	0.00	0.00	0.01	0.00	0.00
P-52	J-48	J-53	0.00	0.00	0.00	0.00	0.00	0.00
P-520	J-441	J-469	44.93	0.05	0.00	0.29	0.09	0.09
P-521	J-486	J-441	41.19	0.01	0.00	0.12	0.01	0.01
P-522	J-430	J-443	89.63	0.02	0.00	0.25	0.05	0.05
P-523	J-444	J-439	100.85	0.02	0.00	0.29	0.06	0.06
P-524	J-445	J-444	0.07	0.00	0.00	0.00	0.00	0.00
P-525	J-445	J-468	83.45	0.00	0.00	0.24	0.04	0.04
P-526	J-465	J-445	83.52	0.03	0.00	0.24	0.04	0.04
P-527	J-1976	J-465	141.98	0.01	0.00	0.40	0.11	0.11
P-528	J-1975	J-1976	114.39	0.00	0.00	0.32	0.07	0.07
P-529	J-415	J-481	9.42	0.01	0.00	0.11	0.02	0.02
P-53	J-52	J-50	0.06	0.00	0.00	0.00	0.00	0.00
P-530	J-564	J-451	27.59	0.01	0.00	0.18	0.04	0.04
P-531	J-450	J-429	219.41	0.04	0.00	0.46	0.12	0.12
P-532	J-497	J-720	0.00	0.00	0.00	0.00	0.00	0.00
P-533	J-415	J-657	9.36	0.03	0.00	0.11	0.02	0.02
P-534	J-465	J-454	18.37	0.03	0.00	0.21	0.07	0.07
P-535	J-452	J-446	35.36	0.00	0.00	0.10	0.01	0.01
P-536	J-454	J-452	10.10	0.01	0.00	0.11	0.02	0.02
P-537	J-454	J-458	8.27	0.00	0.00	0.09	0.02	0.02
P-538	J-455	J-456	0.00	0.00	0.00	0.00	0.00	0.00
P-539	J-455	J-457	0.00	0.00	0.00	0.00	0.00	0.00
P-54	J-50	J-51	0.13	0.00	0.00	0.00	0.00	0.00
P-540	J-458	J-455	8.27	0.00	0.00	0.09	0.02	0.02
P-541	J-458	J-459	0.00	0.00	0.00	0.00	0.00	0.00
P-542	J-455	J-446	8.27	0.01	0.00	0.09	0.02	0.02
P-543	J-446	J-461	0.00	0.00	0.00	0.00	0.00	0.00

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P-544	J-460	J-432	287.28	0.18	0.00	0.81	0.41	0.41
P-545	J-446	J-460	43.64	0.17	0.00	0.50	0.36	0.36
P-546	J-463	J-433	176.03	0.03	0.00	0.50	0.17	0.17
P-547	J-462	J-463	0.00	0.00	0.00	0.00	0.00	0.00
P-548	J-464	J-463	176.03	0.04	0.00	0.50	0.17	0.17
P-549	J-452	J-464	31.41	0.09	0.00	0.36	0.20	0.20
P-55	J-51	J-49	0.00	0.00	0.00	0.00	0.00	0.00
P-550	J-671	J-442	69.79	0.00	0.00	0.45	0.21	0.21
P-551	J-465	J-467	40.09	0.04	0.00	0.26	0.08	0.08
P-552	J-467	J-452	56.68	0.01	0.00	0.16	0.02	0.02
P-553	J-466	J-464	144.62	0.05	0.00	0.41	0.11	0.11
P-554	J-467	J-466	46.62	0.05	0.00	0.30	0.10	0.10
P-555	J-468	J-467	63.21	0.01	0.00	0.18	0.02	0.02
P-556	J-468	J-470	20.24	0.04	0.00	0.23	0.09	0.09
P-557	J-470	J-466	98.00	0.01	0.00	0.28	0.06	0.06
P-558	J-448	J-442	2.37	0.01	0.00	0.11	0.05	0.05
P-559	J-437	J-471	77.75	0.01	0.00	0.20	0.02	0.02
P-56	J-51	J-53	0.13	0.00	0.00	0.00	0.00	0.00
P-560	J-469	J-471	29.67	0.02	0.00	0.19	0.04	0.04
P-561	J-469	J-489	30.02	0.01	0.00	0.19	0.04	0.04
P-562	J-475	J-473	30.37	0.00	0.00	0.09	0.01	0.01
P-563	J-472	J-476	37.47	0.03	0.00	0.24	0.07	0.07
P-564	J-472	J-436	11.90	0.00	0.00	0.08	0.01	0.01
P-565	J-436	J-474	35.39	0.03	0.00	0.23	0.06	0.06
P-566	J-475	J-434	5.24	0.00	0.00	0.01	0.00	0.00
P-567	J-474	J-475	35.60	0.03	0.00	0.23	0.06	0.06
P-568	J-476	J-473	37.25	0.03	0.00	0.24	0.07	0.07
P-569	J-476	J-474	0.22	0.00	0.00	0.00	0.00	0.00
P-57	J-53	J-50	0.07	0.00	0.00	0.00	0.00	0.00
P-570	J-434	J-599	89.18	0.68	0.00	0.57	0.34	0.34
P-571	J-481	J-435	69.79	0.03	0.00	0.45	0.21	0.21
P-572	J-477	J-478	1.22	0.00	0.00	0.01	0.00	0.00
P-573	J-477	J-478	2.84	0.00	0.00	0.03	0.00	0.00
P-574	J-478	J-479	4.06	0.00	0.00	0.05	0.00	0.00
P-575	J-479	J-480	4.06	0.00	0.00	0.01	0.00	0.00
P-576	J-656	J-483	96.27	0.00	0.00	0.27	0.05	0.05
P-577	J-515	J-1934	18.78	0.13	0.00	0.21	0.08	0.08
P-578	J-483	J-449	35.90	0.04	0.00	0.41	0.25	0.25
P-579	J-950	J-946	0.00	0.00	0.00	0.00	0.00	0.00
P-58	J-53	J-187	0.06	0.00	0.00	0.00	0.00	0.00
P-580	J-658	J-656	96.27	0.09	0.00	0.27	0.05	0.05
P-581	J-506	J-480	137.98	0.12	0.00	0.39	0.11	0.11
P-582	J-723	J-485	12.00	0.00	0.00	0.03	0.00	0.00
P-583	J-443	J-487	118.12	0.02	0.00	0.48	0.19	0.19
P-584	J-1973	J-486	73.47	0.01	0.00	0.21	0.03	0.03
P-585	J-486	J-488	61.28	0.03	0.00	0.25	0.06	0.06
P-586	J-488	J-438	79.17	0.03	0.00	0.32	0.09	0.09
P-587	J-488	J-469	14.75	0.02	0.00	0.17	0.05	0.05
P-588	J-490	J-488	32.65	0.03	0.00	0.21	0.05	0.05
P-589	J-487	J-785	44.65	0.01	0.00	0.18	0.03	0.03
P-59	J-43	J-54	130.87	0.02	0.00	0.12	0.00	0.00
P-590	J-489	J-472	49.37	0.02	0.00	0.32	0.11	0.11
P-591	J-470	J-489	19.35	0.04	0.00	0.22	0.08	0.08
P-592	J-492	J-486	28.99	0.05	0.00	0.33	0.17	0.17
P-593	J-430	J-492	10.46	0.00	0.00	0.03	0.00	0.00
P-594	J-490	J-491	12.00	0.00	0.00	0.05	0.00	0.00
P-595	J-491	J-1972	0.00	0.00	0.00	0.00	0.00	0.00

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P-596	J-494	J-495	1.42	0.00	0.00	0.02	0.00	0.00
P-597	J-495	J-440	0.00	0.00	0.00	0.00	0.00	0.00
P-598	J-495	J-410	1.42	0.00	0.00	0.02	0.00	0.00
P-599	J-410	J-496	0.00	0.00	0.00	0.00	0.00	0.00
P-6	J-6	J-10	417.61	0.47	0.00	0.62	0.12	0.12
P-60	J-55	J-54	3.18	0.00	0.00	0.02	0.00	0.00
P-600	J-410	J-513	1.42	0.00	0.00	0.02	0.00	0.00
P-601	J-498	J-499	3.69	0.00	0.00	0.04	0.00	0.00
P-602	J-498	J-499	8.51	0.00	0.00	0.10	0.02	0.02
P-603	J-499	J-500	12.20	0.02	0.00	0.14	0.03	0.03
P-604	J-500	J-502	11.36	0.02	0.00	0.13	0.03	0.03
P-605	J-511	J-501	17.02	0.02	0.00	0.19	0.06	0.06
P-606	J-502	J-504	14.95	0.04	0.00	0.17	0.05	0.05
P-607	J-501	J-502	3.58	0.00	0.00	0.04	0.00	0.00
P-608	J-501	J-503	13.43	0.02	0.00	0.15	0.04	0.04
P-609	J-503	J-505	0.00	0.00	0.00	0.00	0.00	0.00
P-61	J-56	J-205	3.46	0.00	0.00	0.02	0.00	0.00
P-610	J-503	J-504	13.43	0.02	0.00	0.15	0.04	0.04
P-611	J-504	J-506	28.38	0.07	0.00	0.32	0.16	0.16
P-612	J-507	J-506	109.60	0.09	0.00	0.31	0.07	0.07
P-613	J-509	J-507	112.57	0.07	0.00	0.32	0.07	0.07
P-614	J-508	J-507	19.87	0.05	0.00	0.23	0.08	0.08
P-615	J-514	J-509	127.06	0.06	0.00	0.36	0.09	0.09
P-616	J-509	J-508	14.48	0.01	0.00	0.16	0.05	0.05
P-617	J-510	J-508	5.39	0.00	0.00	0.06	0.01	0.01
P-618	J-500	J-511	0.84	0.00	0.00	0.01	0.00	0.00
P-619	J-510	J-511	16.18	0.02	0.00	0.18	0.06	0.06
P-62	J-57	J-58	0.00	0.00	0.00	0.00	0.00	0.00
P-620	J-512	J-510	21.57	0.02	0.00	0.24	0.10	0.10
P-621	J-513	J-498	12.20	0.01	0.00	0.14	0.03	0.03
P-622	J-512	J-513	10.79	0.01	0.00	0.12	0.03	0.03
P-623	J-485	J-514	12.00	0.00	0.00	0.03	0.00	0.00
P-624	J-514	J-512	32.35	0.05	0.00	0.37	0.21	0.21
P-625	J-507	J-515	22.85	0.20	0.00	0.26	0.11	0.11
P-626	J-515	J-477	4.06	0.00	0.00	0.05	0.00	0.00
P-627	J-519	J-443	28.49	0.10	0.00	0.32	0.17	0.17
P-628	J-516	J-517	0.00	0.00	0.00	0.00	0.00	0.00
P-629	J-516	J-518	0.00	0.00	0.00	0.00	0.00	0.00
P-63	J-57	J-72	0.00	0.00	0.00	0.00	0.00	0.00
P-630	J-519	J-516	0.00	0.00	0.00	0.00	0.00	0.00
P-631	J-676	J-519	28.49	0.28	0.00	0.32	0.17	0.17
P-632	J-521	J-1797	127.42	0.03	0.00	0.27	0.04	0.04
P-633	J-521	J-522	22.69	0.00	0.00	0.26	0.11	0.11
P-634	J-523	J-172	172.81	0.04	0.00	0.36	0.08	0.08
P-635	J-522	J-523	9.34	0.01	0.00	0.11	0.02	0.02
P-636	J-522	J-1796	13.35	0.03	0.00	0.15	0.04	0.04
P-637	J-524	J-916	211.75	0.05	0.00	0.44	0.11	0.11
P-638	J-525	J-524	9.62	0.01	0.00	0.11	0.02	0.02
P-639	J-526	J-527	216.47	0.05	0.00	0.45	0.11	0.11
P-64	J-59	J-231	0.00	0.00	0.00	0.00	0.00	0.00
P-640	J-526	J-525	1.84	0.00	0.00	0.02	0.00	0.00
P-641	J-526	J-528	23.39	0.05	0.00	0.27	0.11	0.11
P-642	J-527	J-531	203.43	0.05	0.00	0.42	0.10	0.10
P-643	J-528	J-541	10.43	0.02	0.00	0.12	0.03	0.03
P-644	J-528	J-530	12.96	0.02	0.00	0.15	0.04	0.04
P-645	J-527	J-530	13.08	0.02	0.00	0.15	0.04	0.04
P-646	J-530	J-529	18.51	0.04	0.00	0.21	0.07	0.07

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P-647	J-531	J-533	200.19	0.05	0.00	0.42	0.10	0.10
P-648	J-531	J-529	6.50	0.00	0.00	0.07	0.01	0.01
P-649	J-529	J-539	6.58	0.01	0.00	0.07	0.01	0.01
P-65	J-59	J-228	0.00	0.00	0.00	0.00	0.00	0.00
P-650	J-533	J-450	212.69	0.05	0.00	0.44	0.11	0.11
P-651	J-537	J-450	34.87	0.03	0.00	0.22	0.06	0.06
P-652	J-534	J-538	7.28	0.01	0.00	0.08	0.01	0.01
P-653	J-535	J-532	0.00	0.00	0.00	0.00	0.00	0.00
P-654	J-534	J-535	17.27	0.03	0.00	0.20	0.07	0.07
P-655	J-536	J-532	0.00	0.00	0.00	0.00	0.00	0.00
P-656	J-701	J-537	17.27	0.00	0.00	0.11	0.02	0.02
P-657	J-538	J-533	8.10	0.01	0.00	0.09	0.02	0.02
P-658	J-538	J-537	17.60	0.03	0.00	0.20	0.07	0.07
P-659	J-529	J-538	18.42	0.04	0.00	0.21	0.07	0.07
P-66	J-61	J-62	0.00	0.00	0.00	0.00	0.00	0.00
P-660	J-539	J-542	9.44	0.01	0.00	0.11	0.02	0.02
P-661	J-539	J-534	15.11	0.02	0.00	0.17	0.05	0.05
P-662	J-541	J-539	17.96	0.04	0.00	0.20	0.07	0.07
P-663	J-530	J-541	7.53	0.01	0.00	0.09	0.01	0.01
P-664	J-540	J-534	9.44	0.01	0.00	0.11	0.02	0.02
P-665	J-542	J-540	3.73	0.00	0.00	0.04	0.00	0.00
P-666	J-542	J-540	5.71	0.00	0.00	0.06	0.01	0.01
P-667	J-528	J-543	0.00	0.00	0.00	0.00	0.00	0.00
P-668	J-543	J-544	0.00	0.00	0.00	0.00	0.00	0.00
P-669	J-543	J-546	0.00	0.00	0.00	0.00	0.00	0.00
P-67	J-61	J-64	0.00	0.00	0.00	0.00	0.00	0.00
P-670	J-693	J-545	28.16	0.00	0.00	0.18	0.04	0.04
P-671	J-547	J-545	28.12	0.07	0.00	0.32	0.16	0.16
P-672	J-547	J-533	4.40	0.00	0.00	0.05	0.01	0.01
P-673	J-548	J-547	20.95	0.05	0.00	0.24	0.09	0.09
P-674	J-548	J-531	3.26	0.00	0.00	0.02	0.00	0.00
P-675	J-549	J-548	22.45	0.05	0.00	0.25	0.11	0.11
P-676	J-549	J-527	0.05	0.00	0.00	0.00	0.00	0.00
P-677	J-525	J-549	22.49	0.05	0.00	0.26	0.11	0.11
P-678	J-550	J-524	202.13	0.01	0.00	0.42	0.10	0.10
P-679	J-550	J-551	0.00	0.00	0.00	0.00	0.00	0.00
P-68	J-64	J-189	0.12	0.00	0.00	0.00	0.00	0.00
P-680	J-1758	J-1293	11.90	0.00	0.00	0.03	0.00	0.00
P-681	J-552	J-553	27.77	0.04	0.00	0.32	0.16	0.16
P-682	J-553	J-554	0.00	0.00	0.00	0.00	0.00	0.00
P-683	J-553	J-556	27.77	0.03	0.00	0.32	0.16	0.16
P-684	J-557	J-555	20.87	0.04	0.00	0.24	0.09	0.09
P-685	J-555	J-1912	37.77	0.15	0.00	0.43	0.28	0.28
P-686	J-556	J-555	16.91	0.06	0.00	0.19	0.06	0.06
P-687	J-556	J-557	10.86	0.01	0.00	0.12	0.03	0.03
P-688	J-562	J-557	10.00	0.00	0.00	0.11	0.02	0.02
P-689	J-559	J-560	160.83	0.03	0.00	0.34	0.07	0.07
P-69	J-63	J-236	0.00	0.00	0.00	0.00	0.00	0.00
P-690	J-559	J-548	1.76	0.00	0.00	0.02	0.00	0.00
P-691	J-560	J-453	114.39	0.02	0.00	0.24	0.04	0.04
P-692	J-560	J-547	11.57	0.01	0.00	0.13	0.03	0.03
P-693	J-560	J-561	34.88	0.03	0.00	0.22	0.06	0.06
P-694	J-559	J-562	21.39	0.04	0.00	0.24	0.10	0.10
P-695	J-562	J-561	11.39	0.01	0.00	0.13	0.03	0.03
P-696	J-561	J-563	46.27	0.18	0.00	0.52	0.41	0.41
P-697	J-545	J-564	56.27	0.12	0.00	0.36	0.14	0.14
P-698	J-564	J-563	28.68	0.00	0.00	0.18	0.04	0.04

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P-699	J-563	J-558	74.95	0.11	0.00	0.48	0.24	0.24
P-7	J-6	J-7	50.09	0.00	0.00	0.07	0.00	0.00
P-70	J-63	J-201	0.00	0.00	0.00	0.00	0.00	0.00
P-700	J-432	J-565	287.28	1.58	0.00	1.83	2.95	2.95
P-701	J-565	J-574	400.00	0.64	0.00	2.72	3.41	3.41
P-702	J-566	J-565	112.72	0.20	0.00	0.72	0.52	0.52
P-703	J-566	J-568	0.00	0.00	0.00	0.00	0.00	0.00
P-704	J-568	J-569	0.00	0.00	0.00	0.00	0.00	0.00
P-705	J-568	J-570	0.00	0.00	0.00	0.00	0.00	0.00
P-706	J-570	J-571	0.00	0.00	0.00	0.00	0.00	0.00
P-707	J-570	J-572	0.00	0.00	0.00	0.00	0.00	0.00
P-708	J-572	J-573	0.00	0.00	0.00	0.00	0.00	0.00
P-709	J-572	J-575	0.00	0.00	0.00	0.00	0.00	0.00
P-71	J-66	J-63	0.00	0.00	0.00	0.00	0.00	0.00
P-710	J-475	J-576	0.00	0.00	0.00	0.00	0.00	0.00
P-711	J-574	J-567	0.00	0.00	0.00	0.00	0.00	0.00
P-712	J-574	J-578	400.00	3.88	0.00	2.55	5.44	5.44
P-713	J-578	J-577	400.00	0.38	0.00	1.13	0.76	0.76
P-714	J-577	J-579	94.42	0.15	0.00	0.60	0.38	0.38
P-715	J-577	J-1774	305.58	0.15	0.00	1.95	3.30	3.30
P-716	J-579	J-590	94.42	1.13	0.00	1.07	1.52	1.52
P-717	J-74	J-1879	167.26	0.12	0.00	0.47	0.15	0.15
P-718	J-582	J-581	305.58	0.14	0.00	3.47	13.42	13.42
P-719	J-581	J-584	293.53	3.41	0.00	3.33	12.45	12.45
P-72	J-66	J-67	0.00	0.00	0.00	0.00	0.00	0.00
P-720	J-33	J-1968	102.63	0.03	0.00	0.29	0.06	0.06
P-721	J-1866	J-584	106.47	2.61	0.00	1.21	1.90	1.90
P-722	J-581	J-585	12.05	0.03	0.00	0.14	0.03	0.03
P-723	J-586	J-585	32.57	0.05	0.00	0.37	0.21	0.21
P-724	J-586	J-587	24.30	0.05	0.00	0.28	0.12	0.12
P-725	J-585	J-588	44.62	0.17	0.00	0.51	0.38	0.38
P-726	J-587	J-588	61.85	0.17	0.00	0.70	0.70	0.70
P-727	J-589	J-587	37.55	0.06	0.00	0.43	0.28	0.28
P-728	J-590	J-586	56.87	0.12	0.00	0.65	0.60	0.60
P-729	J-590	J-589	37.55	0.12	0.00	0.43	0.28	0.28
P-73	J-67	J-240	0.08	0.00	0.00	0.00	0.00	0.00
P-730	J-589	J-592	0.00	0.00	0.00	0.00	0.00	0.00
P-731	J-587	J-593	0.00	0.00	0.00	0.00	0.00	0.00
P-732	J-588	J-591	106.47	0.30	0.00	1.21	1.90	1.90
P-733	J-591	J-594	31.72	0.17	0.00	0.36	0.20	0.20
P-734	J-591	J-595	74.75	0.25	0.00	0.85	0.99	0.99
P-735	J-594	J-595	29.83	0.08	0.00	0.34	0.18	0.18
P-736	J-597	J-1869	0.00	0.00	0.00	0.00	0.00	0.00
P-737	J-592	J-596	0.00	0.00	0.00	0.00	0.00	0.00
P-738	J-596	J-598	0.00	0.00	0.00	0.00	0.00	0.00
P-739	J-596	J-600	0.00	0.00	0.00	0.00	0.00	0.00
P-74	J-68	J-238	0.12	0.00	0.00	0.00	0.00	0.00
P-740	J-599	J-610	61.80	0.11	0.00	0.39	0.17	0.17
P-741	J-599	J-604	27.38	0.10	0.00	0.31	0.15	0.15
P-742	J-602	J-601	0.00	0.00	0.00	0.00	0.00	0.00
P-743	J-602	J-603	0.00	0.00	0.00	0.00	0.00	0.00
P-744	J-604	J-602	0.00	0.00	0.00	0.00	0.00	0.00
P-745	J-604	J-606	27.38	0.11	0.00	0.31	0.15	0.15
P-746	J-449	J-448	2.37	0.02	0.00	0.11	0.05	0.05
P-747	J-606	J-608	27.38	0.07	0.00	0.31	0.15	0.15
P-748	J-608	J-612	89.18	0.08	0.00	0.57	0.34	0.34
P-749	J-607	J-608	61.80	0.06	0.00	0.39	0.17	0.17

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-75	J-68	J-69	0.10	0.00	0.00	0.00	0.00	0.00
P-750	J-607	J-609	0.00	0.00	0.00	0.00	0.00	0.00
P-751	J-610	J-607	61.80	0.10	0.00	0.39	0.17	0.17
P-752	J-610	J-611	0.00	0.00	0.00	0.00	0.00	0.00
P-753	J-612	J-614	89.18	0.05	0.00	0.57	0.34	0.34
P-754	J-612	J-613	0.00	0.00	0.00	0.00	0.00	0.00
P-755	J-614	J-627	93.07	0.30	0.00	0.59	0.37	0.37
P-756	J-621	J-614	3.89	0.00	0.00	0.02	0.00	0.00
P-757	J-615	J-635	56.95	0.10	0.00	0.36	0.15	0.15
P-758	J-618	J-616	9.84	0.01	0.00	0.06	0.01	0.01
P-759	J-616	J-617	0.00	0.00	0.00	0.00	0.00	0.00
P-76	J-69	J-70	0.00	0.00	0.00	0.00	0.00	0.00
P-760	J-622	J-618	16.15	0.00	0.00	0.10	0.01	0.01
P-761	J-618	J-583	0.00	0.00	0.00	0.00	0.00	0.00
P-762	J-618	J-619	6.31	0.01	0.00	0.07	0.01	0.01
P-763	J-616	J-621	9.84	0.00	0.00	0.06	0.01	0.01
P-764	J-621	J-619	5.95	0.00	0.00	0.07	0.01	0.01
P-765	J-619	J-624	12.26	0.01	0.00	0.14	0.03	0.03
P-766	J-640	J-622	27.20	0.00	0.00	0.17	0.04	0.04
P-767	J-623	J-626	42.91	0.09	0.00	0.27	0.09	0.09
P-768	J-623	J-625	3.76	0.00	0.00	0.04	0.00	0.00
P-769	J-622	J-624	11.05	0.03	0.00	0.13	0.03	0.03
P-77	J-69	J-71	0.10	0.00	0.00	0.00	0.00	0.00
P-770	J-624	J-625	23.31	0.03	0.00	0.26	0.11	0.11
P-771	J-625	J-626	27.07	0.08	0.00	0.31	0.15	0.15
P-772	J-626	J-615	69.98	0.17	0.00	0.45	0.22	0.22
P-773	J-615	J-627	13.03	0.00	0.00	0.08	0.01	0.01
P-774	J-627	J-628	106.10	1.74	0.00	1.20	1.89	1.89
P-775	J-628	J-629	0.00	0.00	0.00	0.00	0.00	0.00
P-776	J-631	J-628	143.90	0.57	0.00	0.92	0.82	0.82
P-777	J-631	J-630	0.00	0.00	0.00	0.00	0.00	0.00
P-778	J-632	J-631	143.90	0.23	0.00	0.92	0.82	0.82
P-779	J-633	J-632	143.90	0.34	0.00	0.92	0.82	0.82
P-78	J-71	J-225	0.00	0.00	0.00	0.00	0.00	0.00
P-780	J-633	J-634	0.00	0.00	0.00	0.00	0.00	0.00
P-781	J-636	J-635	86.95	0.07	0.00	0.55	0.32	0.32
P-782	J-635	J-633	143.90	0.50	0.00	1.63	3.33	3.33
P-783	J-663	J-636	86.95	0.31	0.00	0.55	0.32	0.32
P-784	J-636	J-638	0.00	0.00	0.00	0.00	0.00	0.00
P-785	J-638	J-637	0.00	0.00	0.00	0.00	0.00	0.00
P-786	J-638	J-639	0.00	0.00	0.00	0.00	0.00	0.00
P-787	J-640	J-623	46.67	0.05	0.00	0.30	0.10	0.10
P-788	J-642	J-640	73.87	0.22	0.00	0.47	0.24	0.24
P-789	J-641	J-642	18.74	0.07	0.00	0.21	0.08	0.08
P-79	J-71	J-73	0.10	0.00	0.00	0.00	0.00	0.00
P-790	J-643	J-641	8.55	0.03	0.00	0.22	0.13	0.13
P-791	J-651	J-643	8.55	0.01	0.00	0.10	0.02	0.02
P-792	J-643	J-645	0.00	0.00	0.00	0.00	0.00	0.00
P-793	J-644	J-641	10.19	0.03	0.00	0.12	0.02	0.02
P-794	J-644	J-646	14.79	0.02	0.00	0.17	0.05	0.05
P-795	J-650	J-647	56.15	0.13	0.00	0.36	0.14	0.14
P-796	J-646	J-647	30.80	0.07	0.00	0.35	0.19	0.19
P-797	J-649	J-646	16.01	0.05	0.00	0.18	0.06	0.06
P-798	J-667	J-648	72.16	0.08	0.00	0.46	0.23	0.23
P-799	J-648	J-649	12.21	0.03	0.00	0.14	0.03	0.03
P-8	J-5	J-8	300.00	0.24	0.00	0.85	0.44	0.44
P-80	J-73	J-68	0.22	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-800	J-650	J-649	3.80	0.00	0.00	0.04	0.00	0.00
P-801	J-648	J-650	59.95	0.03	0.00	0.38	0.16	0.16
P-802	J-651	J-644	24.99	0.02	0.00	0.28	0.13	0.13
P-803	J-653	J-651	33.53	0.23	0.00	0.38	0.22	0.22
P-804	J-653	J-652	0.00	0.00	0.00	0.00	0.00	0.00
P-805	J-654	J-653	33.53	0.09	0.00	0.38	0.22	0.22
P-806	J-654	J-655	0.00	0.00	0.00	0.00	0.00	0.00
P-807	J-449	J-654	33.53	0.03	0.00	0.38	0.22	0.22
P-808	J-484	J-482	0.00	0.00	0.00	0.00	0.00	0.00
P-809	J-448	J-1765	0.00	0.00	0.00	0.00	0.00	0.00
P-81	J-1938	J-76	7.23	0.00	0.00	0.05	0.00	0.00
P-810	J-480	J-658	142.04	0.07	0.00	0.40	0.11	0.11
P-811	J-658	J-657	45.77	0.12	0.00	0.52	0.40	0.40
P-812	J-657	J-661	55.13	0.13	0.00	0.63	0.56	0.56
P-813	J-659	J-660	0.00	0.00	0.00	0.00	0.00	0.00
P-814	J-659	J-642	55.13	0.24	0.00	0.63	0.56	0.56
P-815	J-661	J-659	55.13	0.11	0.00	0.63	0.56	0.56
P-816	J-661	J-662	0.00	0.00	0.00	0.00	0.00	0.00
P-817	J-647	J-663	86.95	0.26	0.00	0.55	0.32	0.32
P-818	J-663	J-664	0.00	0.00	0.00	0.00	0.00	0.00
P-819	J-664	J-665	0.00	0.00	0.00	0.00	0.00	0.00
P-82	J-1944	J-76	103.95	0.01	0.00	0.10	0.00	0.00
P-820	J-664	J-666	0.00	0.00	0.00	0.00	0.00	0.00
P-821	J-1791	J-667	72.16	0.11	0.00	0.46	0.23	0.23
P-822	J-667	J-668	0.00	0.00	0.00	0.00	0.00	0.00
P-823	J-668	J-669	0.00	0.00	0.00	0.00	0.00	0.00
P-824	J-668	J-670	0.00	0.00	0.00	0.00	0.00	0.00
P-825	J-435	J-672	12.91	0.01	0.00	0.15	0.04	0.04
P-826	J-435	J-671	56.88	0.03	0.00	0.36	0.15	0.15
P-827	J-672	J-671	12.91	0.02	0.00	0.15	0.04	0.04
P-828	J-674	J-1139	0.00	0.00	0.00	0.00	0.00	0.00
P-829	T-Res	J-394	115.32	0.00	0.00	0.03	0.00	0.00
P-83	J-277	J-74	140.93	0.05	0.00	0.40	0.11	0.11
P-830	T-Res	J-396	156.06	0.00	0.00	0.05	0.00	0.00
P-831	T-Res	J-414	91.53	0.00	0.00	0.18	0.01	0.01
P-832	T-Res	J-411	71.95	0.00	0.00	0.14	0.01	0.01
P-833	T-Res	J-412	215.15	0.00	0.00	0.20	0.01	0.01
P-834	J-391	J-673	271.38	0.00	0.00	0.09	0.00	0.00
P-835	J-673	J-1817	0.00	0.00	0.00	0.00	0.00	0.00
P-836	J-3	J-523	163.48	0.07	0.00	0.34	0.07	0.07
P-837	J-675	J-421	0.00	0.00	0.00	0.00	0.00	0.00
P-838	J-675	J-3	40.52	0.00	0.00	0.46	0.32	0.32
P-839	J-718	J-1035	28.44	0.02	0.00	0.32	0.17	0.17
P-84	J-77	J-74	26.33	0.00	0.00	0.17	0.02	0.02
P-840	J-676	J-514	147.41	0.41	0.00	0.60	0.29	0.29
P-841	J-405	J-676	175.90	0.14	0.00	0.37	0.08	0.08
P-842	J-721	J-39	484.18	0.80	0.00	1.37	1.08	1.08
P-843	J-35	J-295	0.42	0.00	0.00	0.00	0.00	0.00
P-844	J-295	J-1941	0.00	0.00	0.00	0.00	0.00	0.00
P-845	J-520	J-677	0.00	0.00	0.00	0.00	0.00	0.00
P-846	J-520	J-1768	0.00	0.00	0.00	0.00	0.00	0.00
P-848	J-1756	J-679	26.33	0.01	0.00	0.17	0.02	0.02
P-849	J-679	J-680	0.00	0.00	0.00	0.00	0.00	0.00
P-85	J-679	J-77	26.33	0.01	0.00	0.17	0.02	0.02
P-850	J-405	J-682	0.00	0.00	0.00	0.00	0.00	0.00
P-851	J-681	J-397	13.54	0.00	0.00	0.00	0.00	0.00
P-852	J-681	J-688	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-853	J-686	J-1979	0.00	0.00	0.00	0.00	0.00	0.00
P-854	J-683	J-685	0.00	0.00	0.00	0.00	0.00	0.00
P-855	J-686	J-683	0.00	0.00	0.00	0.00	0.00	0.00
P-856	O-RV-3	J-889	0.00	0.00	0.00	0.00	0.00	0.00
P-857	J-685	J-687	0.00	0.00	0.00	0.00	0.00	0.00
P-858	J-688	J-686	0.00	0.00	0.00	0.00	0.00	0.00
P-859	J-688	J-689	0.00	0.00	0.00	0.00	0.00	0.00
P-86	J-77	J-79	0.00	0.00	0.00	0.00	0.00	0.00
P-860	J-689	J-1907	0.00	0.00	0.00	0.00	0.00	0.00
P-861	J-689	J-691	0.00	0.00	0.00	0.00	0.00	0.00
P-862	J-692	J-405	175.90	0.01	0.00	0.12	0.01	0.01
P-863	J-692	J-694	0.00	0.00	0.00	0.00	0.00	0.00
P-864	J-450	J-693	28.16	0.02	0.00	0.18	0.04	0.04
P-865	J-693	J-696	0.00	0.00	0.00	0.00	0.00	0.00
P-866	J-558	J-566	112.72	1.69	0.00	0.72	0.52	0.52
P-867	J-453	J-695	114.39	0.10	0.00	0.47	0.18	0.18
P-868	J-695	J-697	0.00	0.00	0.00	0.00	0.00	0.00
P-869	J-537	J-699	0.00	0.00	0.00	0.00	0.00	0.00
P-87	J-78	J-81	0.00	0.00	0.00	0.00	0.00	0.00
P-870	J-699	J-698	0.00	0.00	0.00	0.00	0.00	0.00
P-871	J-699	J-700	0.00	0.00	0.00	0.00	0.00	0.00
P-872	J-535	J-701	17.27	0.01	0.00	0.11	0.02	0.02
P-873	J-701	J-702	0.00	0.00	0.00	0.00	0.00	0.00
P-874	J-535	J-703	0.00	0.00	0.00	0.00	0.00	0.00
P-875	J-704	J-14	249.30	0.03	0.00	0.71	0.31	0.31
P-876	J-706	J-704	58.05	0.01	0.00	0.16	0.02	0.02
P-877	J-705	J-706	15.02	0.01	0.00	0.09	0.01	0.01
P-878	J-705	J-706	12.08	0.01	0.00	0.13	0.02	0.02
P-879	J-707	J-140	705.00	0.48	0.00	2.00	2.16	2.16
P-88	J-81	J-221	0.00	0.00	0.00	0.00	0.00	0.00
P-880	J-708	J-707	70.70	0.87	0.00	0.73	0.51	0.51
P-881	J-708	J-707	634.30	0.87	0.00	1.80	1.77	1.77
P-882	J-712	J-709	0.07	0.00	0.00	0.00	0.00	0.00
P-883	J-709	J-710	0.07	0.00	0.00	0.00	0.00	0.00
P-884	J-710	J-144	0.03	0.00	0.00	0.00	0.00	0.00
P-885	J-710	J-712	0.04	0.00	0.00	0.00	0.00	0.00
P-886	J-144	J-712	0.03	0.00	0.00	0.00	0.00	0.00
P-887	J-146	J-711	0.00	0.00	0.00	0.00	0.00	0.00
P-888	J-713	J-150	0.00	0.00	0.00	0.00	0.00	0.00
P-889	J-713	J-715	0.00	0.00	0.00	0.00	0.00	0.00
P-89	J-81	J-82	0.00	0.00	0.00	0.00	0.00	0.00
P-890	J-714	J-18	22.96	0.00	0.00	0.07	0.00	0.00
P-891	J-1873	J-714	2.09	0.00	0.00	0.02	0.00	0.00
P-892	J-19	J-1874	115.83	0.07	0.00	0.33	0.08	0.08
P-893	J-717	J-719	2.09	0.00	0.00	0.01	0.00	0.00
P-894	J-367	J-721	155.28	0.03	0.00	0.41	0.08	0.08
P-895	J-365	J-370	0.00	0.00	0.00	0.00	0.00	0.00
P-896	J-725	J-226	0.00	0.00	0.00	0.00	0.00	0.00
P-897	J-725	J-724	0.00	0.00	0.00	0.00	0.00	0.00
P-898	J-72	J-726	0.00	0.00	0.00	0.00	0.00	0.00
P-899	J-36	J-727	0.00	0.00	0.00	0.00	0.00	0.00
P-9	J-5	J-9	0.00	0.00	0.00	0.00	0.00	0.00
P-90	J-274	J-28	167.26	0.18	0.00	0.47	0.15	0.15
P-900	J-728	J-727	0.00	0.00	0.00	0.00	0.00	0.00
P-901	J-729	J-41	249.91	0.03	0.00	0.40	0.08	0.08
P-902	J-729	J-731	0.00	0.00	0.00	0.00	0.00	0.00
P-903	J-731	J-730	0.00	0.00	0.00	0.00	0.00	0.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-904	J-131	J-171	211.73	0.09	0.00	0.60	0.23	0.23
P-905	J-1828	J-1714	153.44	0.31	0.00	0.89	0.52	0.52
P-906	J-732	J-721	328.90	0.07	0.00	0.93	0.53	0.53
P-907	J-722	J-1860	0.00	0.00	0.00	0.00	0.00	0.00
P-908	J-733	J-151	25.24	0.00	0.00	0.07	0.00	0.00
P-909	J-733	J-734	172.91	0.07	0.00	0.45	0.09	0.09
P-91	J-28	J-84	0.00	0.00	0.00	0.00	0.00	0.00
P-910	J-722	J-1789	0.00	0.00	0.00	0.00	0.00	0.00
P-911	J-113	J-111	0.00	0.00	0.00	0.00	0.00	0.00
P-912	J-113	J-957	1846.29	0.26	0.00	2.74	1.89	1.89
P-913	J-956	J-112	689.81	0.18	0.00	1.02	0.30	0.30
P-914	J-1438	J-737	1.34	0.00	0.00	0.00	0.00	0.00
P-915	J-739	J-738	72.21	0.01	0.00	0.20	0.03	0.03
P-916	J-740	J-739	71.19	0.00	0.00	0.20	0.03	0.03
P-917	J-1482	J-741	5.04	0.00	0.00	0.06	0.01	0.01
P-918	J-1481	J-741	58.66	0.01	0.00	0.17	0.02	0.02
P-919	J-745	J-743	3.89	0.00	0.00	0.01	0.00	0.00
P-92	J-30	J-83	104.89	0.02	0.00	0.30	0.06	0.06
P-920	J-682	I-P-G2	0.00	0.00	0.00	0.00	0.00	0.00
P-921	J-742	J-744	0.37	0.00	0.00	0.00	0.00	0.00
P-922	J-1480	J-745	5.05	0.00	0.00	0.01	0.00	0.00
P-923	J-745	J-744	11.92	0.00	0.00	0.14	0.03	0.03
P-924	J-1319	J-745	10.76	0.00	0.00	0.03	0.00	0.00
P-925	J-183	J-747	0.00	0.00	0.00	0.00	0.00	0.00
P-926	J-747	J-757	0.00	0.00	0.00	0.00	0.00	0.00
P-927	J-747	J-749	0.00	0.00	0.00	0.00	0.00	0.00
P-928	J-749	J-748	0.00	0.00	0.00	0.00	0.00	0.00
P-929	J-749	J-750	0.00	0.00	0.00	0.00	0.00	0.00
P-93	J-1964	J-83	71.76	0.01	0.00	0.46	0.23	0.23
P-930	J-750	J-755	0.00	0.00	0.00	0.00	0.00	0.00
P-931	J-750	J-753	0.00	0.00	0.00	0.00	0.00	0.00
P-932	J-753	J-752	0.00	0.00	0.00	0.00	0.00	0.00
P-933	J-753	J-754	0.00	0.00	0.00	0.00	0.00	0.00
P-934	J-755	J-751	0.00	0.00	0.00	0.00	0.00	0.00
P-935	J-755	J-756	0.00	0.00	0.00	0.00	0.00	0.00
P-936	J-757	J-746	0.00	0.00	0.00	0.00	0.00	0.00
P-937	J-757	J-759	0.00	0.00	0.00	0.00	0.00	0.00
P-938	J-759	J-758	0.00	0.00	0.00	0.00	0.00	0.00
P-939	J-759	J-1985	0.00	0.00	0.00	0.00	0.00	0.00
P-94	J-85	J-86	0.00	0.00	0.00	0.00	0.00	0.00
P-940	J-760	J-761	0.00	0.00	0.00	0.00	0.00	0.00
P-941	J-762	J-1379	189.04	0.00	0.00	0.28	0.03	0.03
P-942	J-762	J-1380	328.89	0.36	0.00	0.93	0.53	0.53
P-943	J-763	J-764	2.13	0.00	0.00	0.01	0.00	0.00
P-944	J-763	J-766	346.98	0.15	0.00	0.98	0.58	0.58
P-945	J-766	J-1203	349.11	0.27	0.00	0.99	0.59	0.59
P-946	J-764	J-766	2.13	0.15	0.00	0.17	0.19	0.19
P-947	J-769	J-1190	63.84	0.06	0.00	0.41	0.18	0.18
P-948	J-767	J-1215	292.90	0.03	0.00	0.83	0.42	0.42
P-949	J-768	J-765	48.26	0.00	0.00	0.14	0.02	0.02
P-95	J-85	J-87	0.00	0.00	0.00	0.00	0.00	0.00
P-950	J-768	J-1295	210.01	0.08	0.00	0.60	0.23	0.23
P-951	J-771	J-772	775.00	0.21	0.00	1.15	0.38	0.38
P-952	J-774	J-1075	1210.06	1.08	0.00	1.93	1.45	1.45
P-953	J-782	J-1303	775.00	0.27	0.00	1.15	0.38	0.38
P-954	J-772	J-791	0.00	0.00	0.00	0.00	0.00	0.00
P-955	T-Tot	J-774	1451.41	0.06	0.00	2.15	1.21	1.21

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

P-956	J-774	J-775	241.35	0.26	0.00	0.39	0.07	0.07
P-957	T-Con	J-776	1223.59	0.02	0.00	0.80	0.12	0.12
P-958	J-775	J-1043	238.18	0.18	0.00	0.68	0.29	0.29
P-959	J-778	J-777	0.00	0.00	0.00	0.00	0.00	0.00
P-96	J-299	J-88	9.39	0.00	0.00	0.03	0.00	0.00
P-960	J-779	J-1037	0.00	0.00	0.00	0.00	0.00	0.00
P-961	J-779	J-1028	238.18	0.68	0.00	0.68	0.29	0.29
P-962	J-1925	J-1927	0.00	0.00	0.00	0.00	0.00	0.00
P-963	J-780	J-1929	201.93	0.10	0.00	0.57	0.21	0.21
P-964	J-780	J-1021	36.25	0.00	0.00	0.10	0.01	0.01
P-965	J-781	J-1884	0.00	0.00	0.00	0.00	0.00	0.00
P-966	J-772	J-782	775.00	0.22	0.00	1.15	0.38	0.38
P-967	J-782	J-784	0.00	0.00	0.00	0.00	0.00	0.00
P-968	J-781	J-801	0.00	0.00	0.00	0.00	0.00	0.00
P-969	J-1075	J-771	1210.06	0.44	0.00	1.79	0.86	0.86
P-97	J-88	J-90	0.00	0.00	0.00	0.00	0.00	0.00
P-970	J-799	J-1919	534.16	0.08	0.00	0.51	0.06	0.06
P-971	J-787	J-788	0.08	0.00	0.00	0.00	0.00	0.00
P-972	J-789	J-786	0.07	0.00	0.00	0.00	0.00	0.00
P-973	J-789	J-788	0.03	0.00	0.00	0.00	0.00	0.00
P-974	J-788	J-790	0.11	0.00	0.00	0.00	0.00	0.00
P-975	J-790	J-792	0.10	0.00	0.00	0.00	0.00	0.00
P-976	J-790	J-791	0.01	0.00	0.00	0.00	0.00	0.00
P-977	J-791	J-787	0.01	0.00	0.00	0.00	0.00	0.00
P-978	J-786	J-787	0.07	0.00	0.00	0.00	0.00	0.00
P-979	J-792	J-794	0.09	0.00	0.00	0.00	0.00	0.00
P-98	J-83	J-89	176.65	0.17	0.00	0.50	0.17	0.17
P-980	J-792	J-793	0.01	0.00	0.00	0.00	0.00	0.00
P-981	J-793	J-789	0.10	0.00	0.00	0.00	0.00	0.00
P-982	J-794	J-795	0.08	0.00	0.00	0.00	0.00	0.00
P-983	J-794	J-796	0.01	0.00	0.00	0.00	0.00	0.00
P-984	J-796	J-793	0.09	0.00	0.00	0.00	0.00	0.00
P-985	J-795	J-798	0.06	0.00	0.00	0.00	0.00	0.00
P-986	J-795	J-797	0.02	0.00	0.00	0.00	0.00	0.00
P-987	J-797	J-796	0.08	0.00	0.00	0.00	0.00	0.00
P-988	J-798	J-800	0.04	0.00	0.00	0.00	0.00	0.00
P-989	J-798	J-800	0.03	0.00	0.00	0.00	0.00	0.00
P-99	J-89	J-91	21.63	0.00	0.00	0.14	0.02	0.02
P-990	J-800	J-797	0.06	0.00	0.00	0.00	0.00	0.00
P-991	J-771	J-799	534.16	0.09	0.00	0.51	0.06	0.06
P-992	J-785	J-783	44.65	0.00	0.00	0.12	0.01	0.01
P-993	J-804	J-802	99.10	0.05	0.00	0.28	0.06	0.06
P-994	J-802	J-803	0.00	0.00	0.00	0.00	0.00	0.00
P-995	J-814	J-804	38.22	0.00	0.00	0.11	0.01	0.01
P-996	J-1034	J-804	60.88	0.98	0.00	0.69	0.68	0.68
P-997	J-108	J-1072	0.00	0.00	0.00	0.00	0.00	0.00
P-998	J-1308	J-806	5.84	0.00	0.00	0.02	0.00	0.00
P-999	J-807	J-805	0.00	0.00	0.00	0.00	0.00	0.00

P U M P / L O S S E L E M E N T R E S U L T S

#PUMPS NPSH INLET OUTLET PUMP EFFIC~ USEFUL INCREMTL TOTAL #PUMPS

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

NAME	FLOWRATE	HEAD	HEAD	HEAD	ENCY	POWER	COST	COST	PARALLEL
SERIES Avail.	(gpm)	(ft)	(ft)	(ft)	(%)	(Hp)	(\$)	(\$)	

(ft)

Device "P-EF1" is closed
 Device "P-EF2" is closed
 Device "P-EF3" is closed
 Device "P-G2" is closed
 Device "P-G5" is closed
 Device "P-H1" is closed
 Device "P-H2" is closed
 Device "P-Jett" is closed
 Device "Pump-HS1" is closed
 Device "Pump-HS2" is closed
 Device "Pump-HS3" is closed
 Device "Pump-Mill" is closed
 Device "Pump-R" is closed

N O D E R E S U L T S

NODE NAME	NODE TITLE	EXTERNAL DEMAND (gpm)	HYDRAULIC GRADE (ft)	NODE ELEVATION (ft)	PRESSURE HEAD (ft)	NODE PRESSURE (psi)
J-1		0.00	929.96	883.00	46.96	20.35
J-10		0.00	929.12	732.00	197.12	85.42
J-100		0.00	929.91	748.00	181.91	78.83
J-1000		0.00	964.04	836.00	128.04	55.48
J-1001		0.00	964.04	832.00	132.04	57.22
J-1002		0.00	964.04	830.00	134.04	58.08
J-1003		0.00	964.04	806.00	158.04	68.48
J-1004		0.00	964.04	820.00	144.04	62.42
J-1005		0.00	964.04	814.00	150.04	65.02
J-1006		0.00	964.04	816.00	148.04	64.15
J-1007		0.00	964.04	802.00	162.04	70.22
J-1008		0.00	964.04	812.00	152.04	65.88
J-1009		0.00	964.04	800.00	164.04	71.08
J-101		0.00	929.91	748.00	181.91	78.83
J-1010		0.00	964.04	818.00	146.04	63.28
J-1011		0.00	964.04	830.00	134.04	58.08
J-1012		0.00	963.34	830.00	133.34	57.78
J-1013		0.00	964.93	770.00	194.93	84.47
J-1014		0.00	963.34	816.00	147.34	63.85
J-1015		0.00	964.93	770.00	194.93	84.47
J-1016		0.00	964.93	792.00	172.93	74.94
J-1017		0.00	965.27	788.00	177.27	76.82
J-1018		0.00	964.93	786.00	178.93	77.54
J-1019		0.00	965.27	787.00	178.27	77.25
J-102		0.00	929.91	756.00	173.91	75.36
J-1020		0.00	965.27	797.00	168.27	72.92
J-1021		0.00	965.27	789.00	176.27	76.38
J-1022		0.00	965.27	788.00	177.27	76.82
J-1023		0.00	965.27	808.00	157.27	68.15

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

J-1024	0.00	965.27	806.00	159.27	69.02
J-1025	0.00	964.99	784.00	180.99	78.43
J-1026	0.00	965.18	773.00	192.18	83.28
J-1027	0.00	965.18	772.00	193.18	83.71
J-1028	0.00	965.45	812.00	153.45	66.49
J-1029	0.00	965.45	816.00	149.45	64.76
J-103	0.00	929.92	794.00	135.92	58.90
J-1030	0.00	966.66	808.00	158.66	68.75
J-1031	0.00	966.69	800.00	166.69	72.23
J-1032	0.00	966.64	808.00	158.64	68.74
J-1033	0.00	966.64	782.00	184.64	80.01
J-1034	0.00	966.54	818.00	148.54	64.37
J-1035	0.00	966.56	818.00	148.56	64.37
J-1036	0.00	966.56	821.00	145.56	63.07
J-1037	0.00	966.13	826.00	140.13	60.72
J-1038	0.00	966.25	798.00	168.25	72.91
J-1039	0.00	966.13	815.00	151.13	65.49
J-104	0.00	929.91	766.00	163.91	71.03
J-1040	0.00	966.43	798.00	168.43	72.99
J-1041	0.00	966.25	798.00	168.25	72.91
J-1042	0.00	966.43	805.00	161.43	69.95
J-1043	0.00	966.50	788.00	178.50	77.35
J-1044	0.00	966.50	813.00	153.50	66.52
J-1045	0.00	965.57	796.00	169.57	73.48
J-1046	0.00	965.57	786.00	179.57	77.82
J-1047	0.00	965.57	742.00	223.57	96.88
J-1048	0.00	965.57	770.00	195.57	84.75
J-1049	0.00	962.32	657.00	305.32	132.30
J-105	0.00	929.38	792.00	137.38	59.53
J-1050	0.00	965.57	791.00	174.57	75.65
J-1051	0.00	965.57	784.00	181.57	78.68
J-1052	0.00	965.57	763.00	202.57	87.78
J-1053	0.00	965.57	775.00	190.57	82.58
J-1054	0.00	965.57	764.00	201.57	87.35
J-1055	0.00	965.57	800.00	165.57	71.75
J-1056	0.00	965.57	808.00	157.57	68.28
J-1057	0.00	965.57	772.00	193.57	83.88
J-1058	0.00	965.57	774.00	191.57	83.02
J-1059	0.00	965.57	774.00	191.57	83.02
J-106	0.00	929.83	731.00	198.83	86.16
J-1060	0.00	962.97	808.00	154.97	67.15
J-1061	0.00	962.35	782.00	180.35	78.15
J-1062	0.00	962.34	767.00	195.34	84.65
J-1063	0.00	962.25	763.00	199.25	86.34
J-1064	0.00	962.45	824.00	138.45	59.99
J-1065	0.00	962.40	762.00	200.40	86.84
J-1066	0.00	962.40	793.00	169.40	73.41
J-1067	0.00	962.57	813.00	149.57	64.82
J-1068	0.00	962.41	760.00	202.41	87.71
J-1069	0.00	962.47	768.00	194.47	84.27
J-107	0.00	968.50	500.00	468.50	203.02
J-1070	0.00	962.40	789.00	173.40	75.14
J-1071	0.00	962.88	819.00	143.88	62.35
J-1072	0.00	968.50	820.00	148.50	64.35
J-1073	0.00	966.66	810.00	156.66	67.89
J-1074	0.00	962.37	788.00	174.37	75.56
J-1075	0.00	965.86	807.00	158.86	68.84

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

J-1076	0.00	962.37	787.00	175.37	75.99
J-1077	0.00	965.48	827.00	138.48	60.01
J-1078	0.00	962.36	754.00	208.36	90.29
J-1079	0.00	962.36	766.00	196.36	85.09
J-108	0.00	968.50	840.00	128.50	55.68
J-1080	0.00	962.37	755.00	207.37	89.86
J-1081	0.00	962.32	750.00	212.32	92.01
J-1082	0.00	962.40	780.00	182.40	79.04
J-1083	0.00	962.40	784.00	178.40	77.31
J-1084	0.00	962.81	819.00	143.81	62.32
J-1085	0.00	962.40	788.00	174.40	75.57
J-1086	0.00	962.77	804.00	158.77	68.80
J-1087	0.00	962.81	801.00	161.81	70.12
J-1088	0.00	962.75	802.00	160.75	69.66
J-1089	0.00	962.77	784.00	178.77	77.47
J-109	0.00	927.20	796.00	131.20	56.85
J-1090	0.00	962.75	780.00	182.75	79.19
J-1091	0.00	962.70	798.00	164.70	71.37
J-1092	0.00	962.70	770.00	192.70	83.50
J-1093	0.00	962.65	796.00	166.65	72.22
J-1094	0.00	962.80	815.00	147.80	64.05
J-1095	0.00	962.62	780.00	182.62	79.13
J-1096	0.00	962.72	830.00	132.72	57.51
J-1097	0.00	962.80	790.00	172.80	74.88
J-1098	0.00	962.72	776.00	186.72	80.91
J-1099	0.00	962.72	804.00	158.72	68.78
J-11	0.00	927.73	778.00	149.73	64.88
J-110	0.00	966.75	810.00	156.75	67.92
J-1100	0.00	962.72	762.00	200.72	86.98
J-1101	0.00	962.78	826.00	136.78	59.27
J-1102	0.00	962.72	758.00	204.72	88.71
J-1103	0.00	962.78	824.00	138.78	60.14
J-1104	0.00	962.89	764.00	198.89	86.19
J-1105	0.00	962.78	790.00	172.78	74.87
J-1106	0.00	962.82	782.00	180.82	78.36
J-1107	0.00	962.78	814.00	148.78	64.47
J-1108	0.00	962.97	814.00	148.97	64.55
J-1109	0.00	962.82	812.00	150.82	65.36
J-111	0.00	942.69	835.00	107.69	46.67
J-1110	0.00	963.33	752.00	211.33	91.58
J-1111	0.00	963.32	754.00	209.32	90.70
J-1112	0.00	963.59	773.00	190.59	82.59
J-1113	0.00	963.63	782.00	181.63	78.71
J-1114	0.00	963.63	786.00	177.63	76.98
J-1115	0.00	963.68	812.00	151.68	65.73
J-1116	0.00	964.09	782.00	182.09	78.90
J-1117	0.00	964.03	783.00	181.03	78.45
J-1118	0.00	963.76	784.00	179.76	77.90
J-1119	0.00	963.71	792.00	171.71	74.41
J-112	0.00	963.04	835.00	128.04	55.48
J-1120	0.00	963.58	818.00	145.58	63.09
J-1121	0.00	963.73	774.00	189.73	82.22
J-1122	0.00	963.17	808.00	155.17	67.24
J-1123	0.00	963.17	740.00	223.17	96.71
J-1124	0.00	963.73	775.00	188.73	81.78
J-1125	0.00	963.73	774.00	189.73	82.22
J-1126	0.00	959.72	758.00	201.72	87.41

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

J-1127	0.00	959.72	756.00	203.72	88.28
J-1128	0.00	959.78	773.00	186.78	80.94
J-1129	0.00	960.46	760.00	200.46	86.87
J-113	0.00	942.69	835.00	107.69	46.67
J-1130	0.00	957.13	637.00	320.13	138.72
J-1131	0.00	960.46	794.00	166.46	72.13
J-1132	0.00	959.79	766.00	193.79	83.98
J-1133	0.00	805.76	511.00	294.76	127.73
J-1134	0.00	959.78	766.00	193.78	83.97
J-1135	0.00	959.79	762.00	197.79	85.71
J-1136	0.00	959.79	773.00	186.79	80.94
J-1137	0.00	959.79	774.00	185.79	80.51
J-1138	0.00	960.13	800.00	160.13	69.39
J-1139	0.00	960.13	798.00	162.13	70.25
J-114	0.00	927.17	786.00	141.17	61.17
J-1140	0.00	960.46	798.00	162.46	70.40
J-1141	0.00	959.79	768.00	191.79	83.11
J-1142	0.00	961.63	729.00	232.63	100.81
J-1143	0.00	959.79	777.00	182.79	79.21
J-1144	0.00	959.68	723.00	236.68	102.56
J-1145	0.00	959.76	766.00	193.76	83.96
J-1146	0.00	959.74	776.00	183.74	79.62
J-1147	0.00	959.90	770.00	189.90	82.29
J-1148	0.00	959.74	778.00	181.74	78.75
J-1149	0.00	960.17	792.00	168.17	72.88
J-115	0.00	927.49	813.00	114.49	49.61
J-1150	0.00	959.76	770.00	189.76	82.23
J-1151	0.00	959.76	776.00	183.76	79.63
J-1152	0.00	959.76	772.00	187.76	81.36
J-1153	0.00	959.78	776.00	183.78	79.64
J-1154	0.00	959.77	756.00	203.77	88.30
J-1155	0.00	959.78	780.00	179.78	77.91
J-1156	0.00	959.81	785.00	174.81	75.75
J-1157	0.00	959.67	774.00	185.67	80.46
J-1158	0.00	959.67	768.00	191.67	83.06
J-1159	0.00	959.58	766.00	193.58	83.88
J-116	0.00	927.17	790.00	137.17	59.44
J-1160	0.00	959.58	754.00	205.58	89.08
J-1161	0.00	959.53	742.00	217.53	94.26
J-1162	0.00	959.60	762.00	197.60	85.63
J-1163	0.00	959.60	770.00	189.60	82.16
J-1164	0.00	959.60	761.00	198.60	86.06
J-1165	0.00	959.67	764.00	195.67	84.79
J-1166	0.00	959.59	748.00	211.59	91.69
J-1167	0.00	957.30	702.00	255.30	110.63
J-1168	0.00	957.30	700.00	257.30	111.50
J-1169	0.00	959.67	744.00	215.67	93.46
J-117	0.00	927.46	819.00	108.46	47.00
J-1170	0.00	957.71	692.00	265.71	115.14
J-1171	0.00	957.71	722.00	235.71	102.14
J-1172	0.00	959.55	714.00	245.55	106.40
J-1173	0.00	959.65	764.00	195.65	84.78
J-1174	0.00	959.67	748.00	211.67	91.72
J-1175	0.00	959.67	754.00	205.67	89.12
J-1176	0.00	959.67	740.00	219.67	95.19
J-1177	0.00	959.67	750.00	209.67	90.86
J-1178	0.00	959.65	766.00	193.65	83.92

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J-1179	0.00	959.67	743.00	216.67	93.89
J-118	0.00	927.11	770.00	157.11	68.08
J-1180	0.00	959.62	750.00	209.62	90.83
J-1181	0.00	959.59	748.00	211.59	91.69
J-1182	0.00	959.62	750.00	209.62	90.83
J-1183	0.00	959.59	750.00	209.59	90.82
J-1184	0.00	959.59	754.00	205.59	89.09
J-1185	0.00	959.52	742.00	217.52	94.26
J-1186	0.00	959.59	740.00	219.59	95.16
J-1187	0.00	959.52	742.00	217.52	94.26
J-1188	0.00	959.52	741.00	218.52	94.69
J-1189	0.00	959.52	736.00	223.52	96.86
J-119	0.00	927.87	830.00	97.87	42.41
J-1190	0.00	959.35	745.00	214.35	92.88
J-1191	0.00	959.35	748.00	211.35	91.58
J-1192	0.00	959.65	744.00	215.65	93.45
J-1193	0.00	959.65	745.00	214.65	93.02
J-1194	0.00	959.65	745.00	214.65	93.02
J-1195	0.00	959.65	749.00	210.65	91.28
J-1196	0.00	959.76	760.00	199.76	86.56
J-1197	0.00	959.82	750.00	209.82	90.92
J-1198	0.00	959.79	747.00	212.79	92.21
J-1199	0.00	959.79	758.00	201.79	87.44
J-12	0.00	927.73	778.00	149.73	64.88
J-120	0.00	927.86	830.00	97.86	42.41
J-1200	0.00	959.83	750.00	209.83	90.93
J-1201	0.00	959.98	771.00	188.98	81.89
J-1202	0.00	959.98	773.00	186.98	81.03
J-1203	0.00	960.83	814.00	146.83	63.63
J-1204	0.00	960.12	794.00	166.12	71.99
J-1205	0.00	960.12	778.00	182.12	78.92
J-1206	0.00	960.12	776.00	184.12	79.79
J-1207	0.00	960.12	819.00	141.12	61.15
J-1208	0.00	960.54	821.00	139.54	60.47
J-1209	0.00	960.43	800.00	160.43	69.52
J-121	0.00	927.86	816.00	111.86	48.47
J-1210	0.00	960.47	806.00	154.47	66.94
J-1211	0.00	960.54	812.00	148.54	64.37
J-1212	0.00	960.04	771.00	189.04	81.92
J-1213	0.00	960.47	780.00	180.47	78.20
J-1214	0.00	960.04	778.00	182.04	78.88
J-1215	0.00	960.19	776.00	184.19	79.82
J-1216	0.00	959.88	768.00	191.88	83.15
J-1217	0.00	959.98	758.00	201.98	87.53
J-1218	0.00	960.17	771.00	189.17	81.98
J-1219	0.00	960.17	766.00	194.17	84.14
J-122	0.00	927.86	808.00	119.86	51.94
J-1220	0.00	960.17	759.00	201.17	87.18
J-1221	0.00	960.17	759.00	201.17	87.18
J-1222	0.00	960.16	769.00	191.16	82.83
J-1223	0.00	960.17	748.00	212.17	91.94
J-1224	0.00	960.08	765.00	195.08	84.54
J-1225	0.00	960.16	746.00	214.16	92.80
J-1226	0.00	960.08	761.00	199.08	86.27
J-1227	0.00	961.42	840.00	121.42	52.62
J-1228	0.00	960.23	780.00	180.23	78.10
J-1229	0.00	959.69	760.00	199.69	86.53

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J-123		0.00	927.38	777.00	150.38	65.16
J-1230		0.00	959.67	745.00	214.67	93.02
J-1231		0.00	959.69	746.00	213.69	92.60
J-1232		0.00	958.82	667.00	291.82	126.46
J-1233		0.00	959.67	746.00	213.67	92.59
J-1234		0.00	958.82	669.00	289.82	125.59
J-1235		0.00	958.82	671.00	287.82	124.72
J-1236		0.00	958.82	663.00	295.82	128.19
J-1237		0.00	958.82	670.00	288.82	125.16
J-1238		0.00	958.82	672.00	286.82	124.29
J-1239		0.00	958.82	672.00	286.82	124.29
J-124		0.00	927.86	816.00	111.86	48.47
J-1240		0.00	958.82	672.00	286.82	124.29
J-1241		0.00	958.82	702.00	256.82	111.29
J-1242		0.00	958.82	688.00	270.82	117.36
J-1243		0.00	958.82	725.00	233.82	101.32
J-1244		0.00	958.82	693.00	265.82	115.19
J-1245		0.00	957.13	707.00	250.13	108.39
J-1246		0.00	918.62	660.00	258.62	112.07
J-1247	Elkhorn MM	325.00	917.07	660.00	257.07	111.40
J-1248		0.00	918.62	660.00	258.62	112.07
J-1249		0.00	959.65	752.00	207.65	89.98
J-125		0.00	927.18	801.00	126.18	54.68
J-1250		0.00	959.60	753.00	206.60	89.53
J-1251		0.00	959.61	753.00	206.61	89.53
J-1252		0.00	959.60	753.00	206.60	89.53
J-1253		0.00	959.22	736.00	223.22	96.73
J-1254		0.00	929.90	794.00	135.90	58.89
J-1255		0.00	958.90	776.00	182.90	79.26
J-1256		0.00	958.64	772.00	186.64	80.88
J-1257		0.00	958.69	768.00	190.69	82.63
J-1258		0.00	958.90	774.00	184.90	80.12
J-1259		0.00	958.69	758.00	200.69	86.97
J-126		0.00	925.01	801.00	124.01	53.74
J-1260		0.00	958.92	774.00	184.92	80.13
J-1261		0.00	958.92	774.00	184.92	80.13
J-1262		0.00	959.47	764.00	195.47	84.71
J-1263		0.00	959.65	752.00	207.65	89.98
J-1264		0.00	959.47	764.00	195.47	84.71
J-1265		0.00	959.65	749.00	210.65	91.28
J-1266		0.00	959.48	743.00	216.48	93.81
J-1267		0.00	960.18	766.00	194.18	84.14
J-1268		0.00	959.58	743.00	216.58	93.85
J-1269		0.00	958.14	754.00	204.14	88.46
J-127		0.00	926.27	820.00	106.27	46.05
J-1270		0.00	957.49	752.00	205.49	89.05
J-1271		0.00	957.49	734.00	223.49	96.85
J-1272		0.00	956.98	716.00	240.98	104.42
J-1273		0.00	958.02	728.00	230.02	99.68
J-1274		0.00	957.50	720.00	237.50	102.92
J-1275		0.00	957.98	736.00	221.98	96.19
J-1276		0.00	956.88	750.00	206.88	89.65
J-1277		0.00	959.48	749.00	210.48	91.21
J-1278		0.00	957.03	720.00	237.03	102.71
J-1279		0.00	956.81	736.00	220.81	95.69
J-128		0.00	926.27	813.00	113.27	49.09
J-1280		0.00	956.81	711.00	245.81	106.52

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J-1281	0.00	956.81	736.00	220.81	95.69
J-1282	0.00	956.81	754.00	202.81	87.89
J-1283	0.00	956.81	724.00	232.81	100.89
J-1284	0.00	959.51	725.00	234.51	101.62
J-1285	0.00	956.81	751.00	205.81	89.19
J-1286	0.00	959.89	755.00	204.89	88.79
J-1287	0.00	959.70	755.00	204.70	88.70
J-1288	0.00	959.83	746.00	213.83	92.66
J-1289	0.00	960.12	763.00	197.12	85.42
J-129	0.00	926.27	819.00	107.27	46.49
J-1290	0.00	959.53	762.00	197.53	85.60
J-1291	0.00	959.95	760.00	199.95	86.65
J-1292	0.00	962.12	776.00	186.12	80.65
J-1293	0.00	966.74	776.00	190.74	82.66
J-1294	0.00	962.36	778.00	184.36	79.89
J-1295	0.00	959.96	762.00	197.96	85.78
J-1296	0.00	962.36	755.00	207.36	89.85
J-1297	0.00	962.36	770.00	192.36	83.36
J-1298	0.00	962.36	768.00	194.36	84.22
J-1299	0.00	962.36	778.00	184.36	79.89
J-13	0.00	927.73	760.00	167.73	72.68
J-130	0.00	925.83	776.00	149.83	64.93
J-1300	0.00	962.36	764.00	198.36	85.96
J-1301	0.00	962.38	764.00	198.38	85.97
J-1302	0.00	965.48	811.00	154.48	66.94
J-1303	0.00	964.73	804.00	160.73	69.65
J-1304	0.00	962.37	776.00	186.37	80.76
J-1305	0.00	962.36	756.00	206.36	89.42
J-1306	0.00	962.36	746.00	216.36	93.76
J-1307	0.00	966.66	809.00	157.66	68.32
J-1308	0.00	966.69	767.00	199.69	86.53
J-1309	0.00	962.36	762.00	200.36	86.82
J-131	0.00	926.72	814.00	112.72	48.85
J-1310	0.00	962.36	768.00	194.36	84.22
J-1311	0.00	966.68	809.00	157.68	68.33
J-1312	0.00	962.37	768.00	194.37	84.23
J-1313	0.00	962.33	742.00	220.33	95.48
J-1314	0.00	962.35	720.00	242.35	105.02
J-1315	0.00	962.35	702.00	260.35	112.82
J-1316	0.00	962.35	700.00	262.35	113.68
J-1317	0.00	962.33	710.00	252.33	109.34
J-1318	0.00	962.35	693.00	269.35	116.72
J-1319	0.00	962.32	666.00	296.32	128.40
J-132	0.00	925.83	774.00	151.83	65.79
J-1320	0.00	962.33	708.00	254.33	110.21
J-1321	0.00	962.33	694.00	268.33	116.28
J-1322	0.00	962.33	744.00	218.33	94.61
J-1323	0.00	962.32	752.00	210.32	91.14
J-1324	0.00	962.32	718.00	244.32	105.87
J-1325	0.00	962.32	751.00	211.32	91.57
J-1326	0.00	962.32	760.00	202.32	87.67
J-1327	0.00	962.32	779.00	183.32	79.44
J-1328	0.00	962.35	752.00	210.35	91.15
J-1329	0.00	962.37	768.00	194.37	84.23
J-133	0.00	925.83	782.00	143.83	62.33
J-1330	0.00	966.68	811.00	155.68	67.46
J-1331	0.00	962.36	792.00	170.36	73.82

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J-1332	0.00	962.45	812.00	150.45	65.19
J-1333	0.00	962.36	761.00	201.36	87.26
J-1334	0.00	962.48	824.00	138.48	60.01
J-1335	0.00	962.45	793.00	169.45	73.43
J-1336	0.00	962.57	826.00	136.57	59.18
J-1337	0.00	962.57	812.00	150.57	65.25
J-1338	0.00	962.46	800.00	162.46	70.40
J-1339	0.00	962.46	802.00	160.46	69.53
J-134	0.00	926.16	778.00	148.16	64.20
J-1340	0.00	962.71	782.00	180.71	78.31
J-1341	0.00	962.71	796.00	166.71	72.24
J-1342	0.00	962.71	793.00	169.71	73.54
J-1343	0.00	962.71	802.00	160.71	69.64
J-1344	0.00	962.80	796.00	166.80	72.28
J-1345	0.00	962.85	788.00	174.85	75.77
J-1346	0.00	962.80	810.00	152.80	66.21
J-1347	0.00	962.85	796.00	166.85	72.30
J-1348	0.00	962.82	790.00	172.82	74.89
J-1349	0.00	962.82	764.00	198.82	86.16
J-135	0.00	927.63	822.00	105.63	45.77
J-1350	0.00	962.82	790.00	172.82	74.89
J-1351	0.00	963.73	772.00	191.73	83.08
J-1352	0.00	962.78	823.00	139.78	60.57
J-1353	0.00	961.18	760.00	201.18	87.18
J-1354	0.00	961.18	760.00	201.18	87.18
J-1355	0.00	961.18	760.00	201.18	87.18
J-1356	0.00	961.18	762.00	199.18	86.31
J-1357	0.00	960.88	758.00	202.88	87.92
J-1358	0.00	960.66	760.00	200.66	86.95
J-1359	0.00	960.88	766.00	194.88	84.45
J-136	0.00	929.95	820.00	109.95	47.65
J-1360	0.00	960.66	775.00	185.66	80.45
J-1361	0.00	960.13	804.00	156.13	67.65
J-1362	0.00	968.50	868.00	100.50	43.55
J-1363	0.00	960.24	744.00	216.24	93.70
J-1364	0.00	960.24	735.00	225.24	97.60
J-1365	0.00	958.82	669.00	289.82	125.59
J-1366	0.00	958.82	669.00	289.82	125.59
J-1367	0.00	958.82	669.00	289.82	125.59
J-1368	0.00	958.82	669.00	289.82	125.59
J-1369	0.00	958.82	669.00	289.82	125.59
J-137	0.00	927.81			
J-1370	0.00	958.82	668.00	290.82	126.02
J-1371	0.00	958.82	675.00	283.82	122.99
J-1372	0.00	958.82	676.00	282.82	122.56
J-1373	0.00	962.70	784.00	178.70	77.44
J-1374	0.00	962.71	814.00	148.71	64.44
J-1375	0.00	962.71	796.00	166.71	72.24
J-1376	0.00	962.71	798.00	164.71	71.37
J-1377	0.00	962.71	796.00	166.71	72.24
J-1378	0.00	962.73	778.00	184.73	80.05
J-1379	0.00	962.35	789.00	173.35	75.12
J-138	0.00	925.06	802.00	123.06	53.33
J-1380	0.00	961.99	813.00	148.99	64.56
J-1381	0.00	962.34	779.00	183.34	79.45
J-1382	0.00	962.34	777.00	185.34	80.31
J-1383	0.00	962.34	794.00	168.34	72.95

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J-1384	0.00	962.34	786.00	176.34	76.41
J-1385	0.00	962.35	791.00	171.35	74.25
J-1386	0.00	962.33	768.00	194.33	84.21
J-1387	0.00	962.37	798.00	164.37	71.23
J-1388	0.00	962.33	768.00	194.33	84.21
J-1389	0.00	962.33	765.00	197.33	85.51
J-139	0.00	923.85	782.00	141.85	61.47
J-1390	0.00	962.33	764.00	198.33	85.94
J-1391	0.00	962.29	786.00	176.29	76.39
J-1392	0.00	962.29	793.00	169.29	73.36
J-1393	0.00	962.29	808.00	154.29	66.86
J-1394	0.00	962.29	828.00	134.29	58.19
J-1395	0.00	962.29	798.00	164.29	71.19
J-1396	0.00	962.29	786.00	176.29	76.39
J-1397	0.00	966.98	810.00	156.98	68.02
J-1398	0.00	961.94	824.00	137.94	59.77
J-1399	0.00	963.73	782.00	181.73	78.75
J-14	0.00	927.75	814.00	113.75	49.29
J-140	0.00	918.76	798.00	120.76	52.33
J-1400	0.00	960.34	766.00	194.34	84.22
J-1401	0.00	961.12	785.00	176.12	76.32
J-1402	0.00	961.12	790.00	171.12	74.15
J-1403	0.00	961.49	770.00	191.49	82.98
J-1404	0.00	961.49	761.00	200.49	86.88
J-1405	0.00	961.39	785.00	176.39	76.44
J-1406	0.00	961.39	796.00	165.39	71.67
J-1407	0.00	961.70	783.00	178.70	77.44
J-1408	0.00	961.92	788.00	173.92	75.36
J-1409	0.00	961.76	785.00	176.76	76.60
J-141	0.00	923.85	786.00	137.85	59.74
J-1410	0.00	961.76	790.00	171.76	74.43
J-1411	0.00	960.78	766.00	194.78	84.40
J-1412	0.00	961.34	772.00	189.34	82.05
J-1413	0.00	961.28	770.00	191.28	82.89
J-1414	0.00	961.28	757.00	204.28	88.52
J-1415	0.00	961.58	798.00	163.58	70.89
J-1416	0.00	961.57	793.00	168.57	73.05
J-1417	0.00	962.26	762.00	200.26	86.78
J-1418	0.00	962.26	770.00	192.26	83.31
J-1419	0.00	962.26	768.00	194.26	84.18
J-142	0.00	918.75	798.00	120.75	52.32
J-1420	0.00	962.26	756.00	206.26	89.38
J-1421	0.00	962.26	756.00	206.26	89.38
J-1422	0.00	962.26	754.00	208.26	90.24
J-1423	0.00	962.26	777.00	185.26	80.28
J-1424	0.00	962.26	774.00	188.26	81.58
J-1425	0.00	962.26	730.00	232.26	100.65
J-1426	0.00	962.26	750.00	212.26	91.98
J-1427	0.00	962.26	766.00	196.26	85.05
J-1428	0.00	962.26	750.00	212.26	91.98
J-1429	0.00	962.26	699.00	263.26	114.08
J-143	0.00	927.73	782.00	145.73	63.15
J-1430	0.00	962.26	668.00	294.26	127.51
J-1431	0.00	962.26	684.00	278.26	120.58
J-1432	0.00	962.26	645.00	317.26	137.48
J-1433	0.00	962.26	650.00	312.26	135.31
J-1434	0.00	962.26	726.00	236.26	102.38

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J-1435	0.00	962.26	724.00	238.26	103.25
J-1436	0.00	962.26	732.00	230.26	99.78
J-1437	0.00	962.26	719.00	243.26	105.41
J-1438	0.00	962.26	722.00	240.26	104.11
J-1439	0.00	962.26	726.00	236.26	102.38
J-144	0.00	916.43	749.00	167.43	72.55
J-1440	0.00	962.26	730.00	232.26	100.65
J-1441	0.00	962.26	718.00	244.26	105.85
J-1442	0.00	962.26	740.00	222.26	96.31
J-1443	0.00	962.26	732.00	230.26	99.78
J-1444	0.00	962.26	719.00	243.26	105.41
J-1445	0.00	962.26	730.00	232.26	100.65
J-1446	0.00	962.26	715.00	247.26	107.15
J-1447	0.00	962.26	710.00	252.26	109.31
J-1448	0.00	962.26	718.00	244.26	105.85
J-1449	0.00	962.26	728.00	234.26	101.51
J-145	0.00	927.63	768.00	159.63	69.17
J-1450	0.00	962.26	726.00	236.26	102.38
J-1451	0.00	962.26	713.00	249.26	108.01
J-1452	0.00	962.26	721.00	241.26	104.55
J-1453	0.00	962.26	689.00	273.26	118.41
J-1454	0.00	962.26	686.00	276.26	119.71
J-1455	0.00	962.26	695.00	267.26	115.81
J-1456	0.00	962.26	676.00	286.26	124.05
J-1457	0.00	962.26	748.00	214.26	92.85
J-1458	0.00	962.26	700.00	262.26	113.65
J-1459	0.00	962.26	744.00	218.26	94.58
J-146	0.00	927.68	803.00	124.68	54.03
J-1460	0.00	962.26	742.00	220.26	95.45
J-1461	0.00	962.26	723.00	239.26	103.68
J-1462	0.00	962.26	684.00	278.26	120.58
J-1463	0.00	962.26	670.00	292.26	126.65
J-1464	0.00	962.26	684.00	278.26	120.58
J-1465	0.00	962.26	729.00	233.26	101.08
J-1466	0.00	962.26	694.00	268.26	116.25
J-1467	0.00	962.26	748.00	214.26	92.85
J-1468	0.00	962.28	664.00	298.28	129.26
J-1469	0.00	962.28	663.00	299.28	129.69
J-147	0.00	927.59	771.00	156.59	67.86
J-1470	0.00	962.28	663.00	299.28	129.69
J-1471	0.00	962.29	698.00	264.29	114.53
J-1472	0.00	962.29	678.00	284.29	123.19
J-1473	0.00	962.29	716.00	246.29	106.72
J-1474	0.00	962.28	748.00	214.28	92.86
J-1475	0.00	962.29	756.00	206.29	89.39
J-1476	0.00	962.26	768.00	194.26	84.18
J-1477	0.00	962.26	745.00	217.26	94.15
J-1478	0.00	962.26	744.00	218.26	94.58
J-1479	0.00	962.28	745.00	217.28	94.16
J-148	0.00	927.66	774.00	153.66	66.59
J-1480	0.00	962.32	657.00	305.32	132.30
J-1481	0.00	962.28	796.00	166.28	72.06
J-1482	0.00	962.28	794.00	168.28	72.92
J-1483	0.00	962.28	714.00	248.28	107.59
J-1484	0.00	962.28	736.00	226.28	98.05
J-1485	0.00	962.28	734.00	228.28	98.92
J-1486	0.00	962.32	726.00	236.32	102.41

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J-1487	0.00	962.29	723.00	239.29	103.69
J-1488	0.00	962.32	678.00	284.32	123.20
J-1489	0.00	962.29	702.00	260.29	112.79
J-149	0.00	927.64	802.00	125.64	54.45
J-1490	0.00	962.30	737.00	225.30	97.63
J-1491	0.00	962.30	738.00	224.30	97.20
J-1492	0.00	962.30	690.00	272.30	118.00
J-1493	0.00	962.30	742.00	220.30	95.46
J-1494	0.00	962.30	681.00	281.30	121.90
J-1495	0.00	962.30	686.00	276.30	119.73
J-1496	0.00	962.29	722.00	240.29	104.13
J-1497	0.00	962.28	754.00	208.28	90.25
J-1498	0.00	962.29	733.00	229.29	99.36
J-1499	0.00	962.29	740.00	222.29	96.32
J-15	0.00	928.56	789.00	139.56	60.48
J-150	0.00	927.66	746.00	181.66	78.72
J-1500	0.00	961.76	777.00	184.76	80.06
J-1501	0.00	962.28	747.00	215.28	93.29
J-1502	0.00	962.22	803.00	159.22	68.99
J-1503	0.00	962.18	730.00	232.18	100.61
J-1504	0.00	962.18	788.00	174.18	75.48
J-1505	0.00	962.18	800.00	162.18	70.28
J-1506	0.00	962.18	756.00	206.18	89.35
J-1507	0.00	962.18	746.00	216.18	93.68
J-1508	0.00	962.18	750.00	212.18	91.95
J-1509	0.00	962.18	764.00	198.18	85.88
J-151	0.00	927.41	820.00	107.41	46.54
J-1510	0.00	962.18	740.00	222.18	96.28
J-1511	0.00	962.18	758.00	204.18	88.48
J-1512	0.00	962.18	742.00	220.18	95.41
J-1513	0.00	962.18	735.00	227.18	98.45
J-1514	0.00	962.18	748.00	214.18	92.81
J-1515	0.00	962.18	792.00	170.18	73.75
J-1516	0.00	962.18	780.00	182.18	78.95
J-1517	0.00	962.18	785.00	177.18	76.78
J-1518	0.00	962.18	784.00	178.18	77.21
J-1519	0.00	962.17	775.00	187.17	81.10
J-152	0.00	927.53	802.00	125.53	54.40
J-1520	0.00	962.17	783.00	179.17	77.64
J-1521	0.00	962.15	793.00	169.15	73.30
J-1522	0.00	962.15	793.00	169.15	73.30
J-1523	0.00	962.15	791.00	171.15	74.17
J-1524	0.00	962.15	792.00	170.15	73.73
J-1525	0.00	966.74	776.00	190.74	82.66
J-1526	0.00	962.00	753.00	209.00	90.57
J-1527	0.00	961.85	729.00	232.85	100.90
J-1528	0.00	961.85	743.00	218.85	94.83
J-1529	0.00	961.85	747.00	214.85	93.10
J-153	0.00	927.11	794.00	133.11	57.68
J-1530	0.00	961.87	759.00	202.87	87.91
J-1531	0.00	961.89	768.00	193.89	84.02
J-1532	0.00	961.85	748.00	213.85	92.67
J-1533	0.00	961.85	764.00	197.85	85.74
J-1534	0.00	961.89	766.00	195.89	84.89
J-1535	0.00	961.92	786.00	175.92	76.23
J-1536	0.00	961.92	794.00	167.92	72.77
J-1537	0.00	961.84	744.00	217.84	94.40

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J-1538	0.00	962.32	744.00	218.32	94.61
J-1539	0.00	961.84	746.00	215.84	93.53
J-154	0.00	927.48	828.00	99.48	43.11
J-1540	0.00	961.79	778.00	183.79	79.64
J-1541	0.00	961.79	778.00	183.79	79.64
J-1542	0.00	961.86	766.00	195.86	84.87
J-1543	0.00	961.93	749.00	212.93	92.27
J-1544	0.00	961.86	756.00	205.86	89.21
J-1545	0.00	962.13	792.00	170.13	73.72
J-1546	0.00	961.93	754.00	207.93	90.10
J-1547	0.00	962.17	780.00	182.17	78.94
J-1548	0.00	962.17	782.00	180.17	78.07
J-1549	0.00	962.19	776.00	186.19	80.68
J-155	0.00	928.30	818.00	110.30	47.80
J-1550	0.00	962.19	788.00	174.19	75.48
J-1551	0.00	962.26	766.00	196.26	85.04
J-1552	0.00	962.26	760.00	202.26	87.64
J-1553	0.00	962.26	757.00	205.26	88.94
J-1554	0.00	962.26	760.00	202.26	87.64
J-1555	0.00	962.26	756.00	206.26	89.38
J-1556	0.00	962.26	756.00	206.26	89.38
J-1557	0.00	962.26	769.00	193.26	83.75
J-1558	0.00	962.26	752.00	210.26	91.11
J-1559	0.00	962.26	740.00	222.26	96.31
J-156	0.00	928.46	778.00	150.46	65.20
J-1560	0.00	962.25	777.00	185.25	80.27
J-1561	0.00	962.25	770.00	192.25	83.31
J-1562	0.00	962.25	770.00	192.25	83.31
J-1563	0.00	962.25	754.00	208.25	90.24
J-1564	0.00	962.25	764.00	198.25	85.91
J-1565	0.00	961.53	786.00	175.53	76.06
J-1566	0.00	961.71	806.00	155.71	67.48
J-1567	0.00	962.28	763.00	199.28	86.35
J-1568	0.00	962.07	807.00	155.07	67.20
J-1569	0.00	962.07	772.00	190.07	82.36
J-157	0.00	928.67	805.00	123.67	53.59
J-1570	0.00	962.13	780.00	182.13	78.92
J-1571	0.00	962.13	778.00	184.13	79.79
J-1572	0.00	962.13	745.00	217.13	94.09
J-1573	0.00	962.13	804.00	158.13	68.52
J-1574	0.00	962.33	776.00	186.33	80.74
J-1575	0.00	962.07	724.00	238.07	103.16
J-1576	0.00	962.28	735.00	227.28	98.49
J-1577	0.00	962.32	784.00	178.32	77.27
J-1578	0.00	955.33	785.00	170.33	73.81
J-1579	0.00	955.56	784.00	171.56	74.34
J-158	0.00	928.67	803.00	125.67	54.46
J-1580	0.00	955.56	760.00	195.56	84.74
J-1581	0.00	955.43	768.00	187.43	81.22
J-1582	0.00	955.45	764.00	191.45	82.96
J-1583	0.00	955.76	758.00	197.76	85.70
J-1584	0.00	955.48	768.00	187.48	81.24
J-1585	0.00	955.33	808.00	147.33	63.84
J-1586	0.00	955.03	780.00	175.03	75.85
J-1587	0.00	953.27	776.00	177.27	76.82
J-1588	0.00	953.27	769.00	184.27	79.85
J-1589	0.00	953.27	763.00	190.27	82.45

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J-159		0.00	928.84	768.00	160.84	69.70
J-1590		0.00	953.27	758.00	195.27	84.62
J-1591		0.00	953.27	754.00	199.27	86.35
J-1592		0.00	953.27	755.00	198.27	85.92
J-1593		0.00	953.27	751.00	202.27	87.65
J-1594		0.00	953.27	767.00	186.27	80.72
J-1595		0.00	953.27	756.00	197.27	85.48
J-1596		0.00	953.27	777.00	176.27	76.38
J-1597		0.00	954.00	810.00	144.00	62.40
J-1598		0.00	953.86	809.00	144.86	62.77
J-1599		0.00	953.54	764.00	189.54	82.13
J-16		0.00	928.31	784.00	144.31	62.53
J-160		0.00	929.21	756.00	173.21	75.06
J-1600		0.00	955.28	760.00	195.28	84.62
J-1601		0.00	930.91	758.00	172.91	74.93
J-1602	Peaksmill MM	450.00	923.40	725.00	198.40	85.97
J-1603		0.00	933.19	770.00	163.19	70.72
J-1604		0.00	933.19	772.00	161.19	69.85
J-1605		0.00	933.66	801.00	132.66	57.49
J-1606		0.00	935.77	798.00	137.77	59.70
J-1607		0.00	932.66	756.00	176.66	76.55
J-1608		0.00	939.60	784.00	155.60	67.43
J-1609		0.00	939.60	772.00	167.60	72.63
J-161		0.00	928.82	790.00	138.82	60.16
J-1610		0.00	939.60	754.00	185.60	80.43
J-1611		0.00	941.96	761.00	180.96	78.41
J-1612		0.00	941.96	756.00	185.96	80.58
J-1613		0.00	941.96	768.00	173.96	75.38
J-1614		0.00	941.96	759.00	182.96	79.28
J-1615		0.00	948.35	770.00	178.35	77.28
J-1616		0.00	948.35	744.00	204.35	88.55
J-1617		0.00	948.35	720.00	228.35	98.95
J-1618		0.00	948.35	737.00	211.35	91.58
J-1619		0.00	955.57	732.00	223.57	96.88
J-162		0.00	928.77	782.00	146.77	63.60
J-1620		0.00	955.57	733.00	222.57	96.45
J-1621		0.00	955.57	734.00	221.57	96.01
J-1622		0.00	955.57	738.00	217.57	94.28
J-1623		0.00	955.57	746.00	209.57	90.81
J-1624		0.00	955.76	731.00	224.76	97.40
J-1625		0.00	955.57	734.00	221.57	96.01
J-1626		0.00	955.91	720.00	235.91	102.23
J-1627		0.00	955.76	705.00	250.76	108.66
J-1628		0.00	955.53	730.00	225.53	97.73
J-1629		0.00	955.72	737.00	218.72	94.78
J-163		0.00	928.78	798.00	130.78	56.67
J-1630		0.00	955.72	732.00	223.72	96.95
J-1631		0.00	955.76	754.00	201.76	87.43
J-1632		0.00	956.15	730.00	226.15	98.00
J-1633		0.00	956.15	732.00	224.15	97.13
J-1634		0.00	956.15	771.00	185.15	80.23
J-1635		0.00	956.26	707.00	249.26	108.01
J-1636		0.00	956.23	730.00	226.23	98.03
J-1637		0.00	956.23	736.00	220.23	95.43
J-1638		0.00	956.15	730.00	226.15	98.00
J-1639		0.00	956.15	740.00	216.15	93.67
J-164		0.00	928.82	770.00	158.82	68.82

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J-1640	0.00	955.76	747.00	208.76	90.46
J-1641	0.00	956.89	755.00	201.89	87.48
J-1642	0.00	955.76	747.00	208.76	90.46
J-1643	0.00	954.65	783.00	171.65	74.38
J-1644	0.00	956.51	733.00	223.51	96.85
J-1645	0.00	956.15	740.00	216.15	93.66
J-1646	0.00	954.27	804.00	150.27	65.12
J-1647	0.00	954.11	794.00	160.11	69.38
J-1648	0.00	953.85	809.00	144.85	62.77
J-1649	0.00	954.09	781.00	173.09	75.00
J-165	0.00	928.65	775.00	153.65	66.58
J-1650	0.00	954.09	766.00	188.09	81.50
J-1651	0.00	952.54	767.00	185.54	80.40
J-1652	0.00	953.20	778.00	175.20	75.92
J-1653	0.00	955.33	774.00	181.33	78.58
J-1654	0.00	955.33	787.00	168.33	72.94
J-1655	0.00	955.87	764.00	191.87	83.14
J-1656	0.00	955.33	778.00	177.33	76.84
J-1657	0.00	955.93	790.00	165.93	71.90
J-1658	0.00	956.38	756.00	200.38	86.83
J-1659	0.00	955.91	798.00	157.91	68.43
J-166	0.00	928.54	794.00	134.54	58.30
J-1660	0.00	956.23	752.00	204.23	88.50
J-1661	0.00	955.89	780.00	175.89	76.22
J-1662	0.00	956.51	758.00	198.51	86.02
J-1663	0.00	956.86	741.00	215.86	93.54
J-1664	0.00	956.75	737.00	219.75	95.23
J-1665	0.00	956.76	780.00	176.76	76.60
J-1666	0.00	956.76	768.00	188.76	81.80
J-1667	0.00	956.85	734.00	222.85	96.57
J-1668	0.00	956.85	733.00	223.85	97.00
J-1669	0.00	956.80	760.00	196.80	85.28
J-167	0.00	928.16	801.00	127.16	55.10
J-1670	0.00	956.73	757.00	199.73	86.55
J-1671	0.00	956.80	738.00	218.80	94.81
J-1672	0.00	956.80	743.00	213.80	92.65
J-1673	0.00	956.51	760.00	196.51	85.15
J-1674	0.00	956.70	747.00	209.70	90.87
J-1675	0.00	956.32	754.00	202.32	87.67
J-1676	0.00	956.96	741.00	215.96	93.58
J-1677	0.00	956.58	727.00	229.58	99.49
J-1678	0.00	956.75	734.00	222.75	96.53
J-1679	0.00	956.83	742.00	214.83	93.09
J-168	0.00	928.65	768.00	160.65	69.61
J-1680	0.00	957.03	746.00	211.03	91.45
J-1681	0.00	956.80	739.00	217.80	94.38
J-1682	0.00	956.92	746.00	210.92	91.40
J-1683	0.00	957.17	752.00	205.17	88.91
J-1684	0.00	957.12	745.00	212.12	91.92
J-1685	0.00	957.13	729.00	228.13	98.86
J-1686	0.00	957.12	770.00	187.12	81.08
J-1687	0.00	957.13	752.00	205.13	88.89
J-1688	0.00	957.13	748.00	209.13	90.62
J-1689	0.00	957.13	746.00	211.13	91.49
J-169	0.00	928.16	792.00	136.16	59.00
J-1690	0.00	957.13	751.00	206.13	89.32
J-1691	0.00	956.85	745.00	211.85	91.80

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J-1692	0.00	957.10	792.00	165.10	71.54
J-1693	0.00	957.04	733.00	224.04	97.08
J-1694	0.00	957.04	750.00	207.04	89.72
J-1695	0.00	957.10	744.00	213.10	92.34
J-1696	0.00	957.05	745.00	212.05	91.89
J-1697	0.00	957.08	760.00	197.08	85.40
J-1698	0.00	957.09	762.00	195.09	84.54
J-1699	0.00	957.09	741.00	216.09	93.64
J-17	0.00	928.40	765.00	163.40	70.80
J-170	0.00	928.65	758.00	170.65	73.95
J-1700	0.00	957.16	762.00	195.16	84.57
J-1701	0.00	957.30	716.00	241.30	104.56
J-1702	0.00	957.20	736.00	221.20	95.85
J-1703	0.00	957.70	712.00	245.70	106.47
J-1704	0.00	957.70	716.00	241.70	104.74
J-1705	0.00	957.81	728.00	229.81	99.58
J-1706	0.00	957.81	723.00	234.81	101.75
J-1707	0.00	957.81	744.00	213.81	92.65
J-1708	0.00	957.81	738.00	219.81	95.25
J-1709	0.00	957.81	742.00	215.81	93.52
J-171	0.00	926.63	806.00	120.63	52.27
J-1710	0.00	957.81	750.00	207.81	90.05
J-1711	0.00	957.82	736.00	221.82	96.12
J-1712	0.00	957.79	724.00	233.79	101.31
J-1713	0.00	957.89	760.00	197.89	85.75
J-1714	0.00	957.97	768.00	189.97	82.32
J-1715	0.00	957.10	742.00	215.10	93.21
J-1716	0.00	957.10	774.00	183.10	79.34
J-1717	0.00	957.10	766.00	191.10	82.81
J-1718	0.00	957.10	792.00	165.10	71.54
J-1719	0.00	956.23	780.00	176.23	76.37
J-172	0.00	805.88	584.00	221.88	96.15
J-1720	0.00	957.10	784.00	173.10	75.01
J-1721	0.00	955.33	769.00	186.33	80.74
J-1722	0.00	957.10	745.00	212.10	91.91
J-1723	0.00	955.33	803.00	152.33	66.01
J-1724	0.00	955.33	760.00	195.33	84.64
J-1725	0.00	955.33	799.00	156.33	67.74
J-1726	0.00	957.13	580.00	377.13	163.42
J-1727	0.00	957.13	776.00	181.13	78.49
J-1728	0.00	957.13	637.00	320.13	138.72
J-1729	0.00	957.13	610.00	347.13	150.42
J-173	0.00	928.61	784.00	144.61	62.66
J-1730	0.00	957.13	610.00	347.13	150.42
J-1731	0.00	956.38	798.00	158.38	68.63
J-1732	0.00	957.13	637.00	320.13	138.72
J-1733	0.00	957.13	618.00	339.13	146.95
J-1734	0.00	957.13	640.00	317.13	137.42
J-1735	0.00	957.13	645.00	312.13	135.25
J-1736	0.00	957.13	645.00	312.13	135.25
J-1737	0.00	957.13	650.00	307.13	133.09
J-1738	0.00	957.13	650.00	307.13	133.09
J-1739	0.00	957.13	645.00	312.13	135.25
J-174	0.00	928.56	776.00	152.56	66.11
J-1740	0.00	957.13	662.00	295.13	127.89
J-1741	0.00	957.13	632.00	325.13	140.89
J-1742	0.00	957.13	707.00	250.13	108.39

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J-1743		0.00	957.13	642.00	315.13	136.55
J-1744		0.00	803.27	512.00	291.27	126.22
J-1745		0.00	929.92	770.00	159.92	69.30
J-1746		0.00	929.92	744.00	185.92	80.56
J-1747		0.00	962.48	761.00	201.48	87.31
J-1748		0.00	963.80	833.00	130.80	56.68
J-1749		0.00	963.82	838.00	125.82	54.52
J-175		0.00	928.61	780.00	148.61	64.40
J-1750		0.00	929.92	742.00	187.92	81.43
J-1751		0.00	805.67	508.00	297.67	128.99
J-1752		0.00	966.61	814.00	152.61	66.13
J-1753		0.00	929.91	825.00	104.91	45.46
J-1754		0.00	929.91	774.00	155.91	67.56
J-1755		0.00	929.91	800.00	129.91	56.30
J-1756		0.00	929.68	780.00	149.68	64.86
J-1757		0.00	929.69	820.00	109.69	47.53
J-1758		0.00	966.74	794.00	172.74	74.86
J-1759		0.00	929.68	818.00	111.68	48.39
J-176		0.00	928.56	778.00	150.56	65.24
J-1760		0.00	966.75	806.00	160.75	69.66
J-1761		0.00	966.75	826.00	140.75	60.99
J-1762		0.00	966.74	784.00	182.74	79.19
J-1763		0.00	966.75	834.00	132.75	57.52
J-1764		0.00	931.42	754.00	177.42	76.88
J-1765		0.00	804.84	526.00	278.84	120.83
J-1766		0.00	804.17	785.00	19.17	8.31
J-1767	Farmdale MM2	379.00	918.75	799.00	119.75	51.89
J-1768		0.00	929.86	730.00	199.86	86.61
J-1769		0.00	929.71	714.00	215.71	93.48
J-177		0.00	928.56	788.00	140.56	60.91
J-1770		0.00	929.51	752.00	177.51	76.92
J-1771		0.00	928.37	749.00	179.37	77.73
J-1772		0.00	928.85	776.00	152.85	66.23
J-1773		0.00	930.32	758.00	172.32	74.67
J-1774		0.00	798.42	508.00	290.42	125.85
J-1775		0.00	798.42	506.00	292.42	126.72
J-1776		0.00	962.27	766.00	196.27	85.05
J-1777		0.00	962.27	760.00	202.27	87.65
J-1778		0.00	946.42	775.00	171.42	74.28
J-1779		0.00	966.75	824.00	142.75	61.86
J-178		0.00	928.56	790.00	138.56	60.04
J-1780		0.00	942.44	810.00	132.44	57.39
J-1781		0.00	942.77	840.00	102.77	44.53
J-1782		0.00	939.88	840.00	99.88	43.28
J-1783		0.00	933.91	739.00	194.91	84.46
J-1784		0.00	958.50	860.00	98.50	42.69
J-1785		0.00	966.77	769.00	197.77	85.70
J-1786		0.00	946.67	775.00	171.67	74.39
J-1787		0.00	963.87	835.00	128.87	55.84
J-1788		0.00	965.73	870.00	95.73	41.48
J-1789		0.00	966.98	510.00	456.98	198.02
J-179		0.00	928.53	780.00	148.53	64.36
J-1790		0.00	964.44	765.00	199.44	86.43
J-1791		0.00	804.75	507.00	297.75	129.03
J-1792		0.00	942.44	837.00	105.44	45.69
J-1793		0.00	942.44	851.00	91.44	39.62
J-1794		0.00	928.85	796.00	132.85	57.57

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J-1795	0.00	805.90	544.00	261.90	113.49
J-1796	0.00	805.90	544.00	261.90	113.49
J-1797	0.00	805.90	544.00	261.90	113.49
J-1798	0.00	928.85	794.00	134.85	58.43
J-1799	0.00	928.36	675.00	253.36	109.79
J-18	0.00	928.56	780.00	148.56	64.37
J-180	0.00	928.53	785.00	143.53	62.19
J-1800	0.00	928.36	698.00	230.36	99.82
J-1801	0.00	928.36	680.00	248.36	107.62
J-1802	0.00	929.86	743.00	186.86	80.97
J-1803	0.00	964.99	772.00	192.99	83.63
J-1804	0.00	929.86	744.00	185.86	80.54
J-1805	0.00	929.86	744.00	185.86	80.54
J-1806	0.00	929.86	742.00	187.86	81.41
J-1807	0.00	929.86	744.00	185.86	80.54
J-1808	0.00	805.99	535.00	270.99	117.43
J-1809	0.00	966.98	535.00	431.98	187.19
J-181	0.00	928.51	784.00	144.51	62.62
J-1810	0.00	966.98	535.00	431.98	187.19
J-1811	0.00	966.98	535.00	431.98	187.19
J-1812	0.00	805.99	535.00	270.99	117.43
J-1813	0.00	805.99	535.00	270.99	117.43
J-1814	0.00	929.88	738.00	191.88	83.15
J-1815	0.00	966.98	535.00	431.98	187.19
J-1816	0.00	929.88	738.00	191.88	83.15
J-1817	0.00	806.00	738.00	68.00	29.47
J-1818	0.00	806.00	738.00	68.00	29.47
J-1819	0.00	805.99	617.00	188.99	81.90
J-182	0.00	928.81	784.00	144.81	62.75
J-1820	0.00	926.76	807.00	119.76	51.90
J-1821	0.00	805.99	617.00	188.99	81.90
J-1822	0.00	805.99	617.00	188.99	81.90
J-1823	0.00	805.99	617.00	188.99	81.90
J-1824	0.00	926.75	810.00	116.75	50.59
J-1825	0.00	958.79	778.00	180.79	78.34
J-1826	0.00	957.81	679.00	278.81	120.82
J-1827	0.00	957.81	680.00	277.81	120.39
J-1828	0.00	958.27	752.00	206.27	89.39
J-1829	0.00	966.77	774.00	192.77	83.53
J-183	0.00	962.32	658.00	304.32	131.87
J-1830	0.00	805.88	640.00	165.88	71.88
J-1831	0.00	805.86	554.00	251.86	109.14
J-1832	0.00	805.86	615.00	190.86	82.71
J-1833	0.00	966.98	528.00	438.98	190.22
J-1834	0.00	966.98	510.00	456.98	198.02
J-1835	0.00	805.98	465.00	340.98	147.76
J-1836	0.00	963.87	840.00	123.87	53.68
J-1837	0.00	804.75	507.00	297.75	129.03
J-1838	0.00	963.87	815.00	148.87	64.51
J-1839	0.00	964.99	788.00	176.99	76.70
J-184	0.00	928.81	801.00	127.81	55.38
J-1841	0.00	964.99	804.00	160.99	69.76
J-1842	0.00	964.99	798.00	166.99	72.36
J-1843	0.00	964.99	770.00	194.99	84.50
J-1845	0.00	964.99	780.00	184.99	80.16
J-1846	0.00	964.99	762.00	202.99	87.96
J-1847	0.00	964.99	800.00	164.99	71.50

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J-1848		0.00	964.99	782.00	182.99	79.30
J-1849		0.00	964.99	790.00	174.99	75.83
J-185		0.00	929.92	770.00	159.92	69.30
J-1850		0.00	964.99	764.00	200.99	87.10
J-1851		0.00	964.99	788.00	176.99	76.70
J-1852		0.00	963.76	842.00	121.76	52.76
J-1853		0.00	965.18	792.00	173.18	75.04
J-1854		0.00	964.93	797.00	167.93	72.77
J-1855		0.00	963.81	830.00	133.81	57.98
J-1856		0.00	963.82	833.00	130.82	56.69
J-1857		0.00	957.56	710.00	247.56	107.28
J-1858		0.00	964.28	798.00	166.28	72.06
J-1859		0.00	961.55	776.00	185.55	80.40
J-186		0.00	928.81	790.00	138.81	60.15
J-1860		0.00	966.98	825.00	141.98	61.52
J-1861		0.00	957.56	737.00	220.56	95.58
J-1862		0.00	962.76	818.00	144.76	62.73
J-1863		0.00	966.98	810.00	156.98	68.02
J-1864		0.00	962.75	801.00	161.75	70.09
J-1865		0.00	966.98	800.00	166.98	72.36
J-1866		0.00	796.34			
J-1867		0.00	966.98	795.00	171.98	74.52
J-1868		0.00	796.40	546.00	250.40	108.51
J-1869		0.00	796.47	540.00	256.47	111.14
J-187		0.00	929.69	795.00	134.69	58.36
J-1870		0.00	796.40	550.00	246.40	106.77
J-1871		0.00	796.40	556.00	240.40	104.17
J-1872		0.00	927.66	744.00	183.66	79.59
J-1873		0.00	928.56	817.00	111.56	48.34
J-1874		0.00	928.60	791.00	137.60	59.63
J-1875		0.00	927.66	744.00	183.66	79.59
J-1876		0.00	927.66	738.00	189.66	82.19
J-1877		0.00	927.66	734.00	193.66	83.92
J-1878		0.00	927.66	734.00	193.66	83.92
J-1879		0.00	929.54	754.00	175.54	76.07
J-188		0.00	929.92	770.00	159.92	69.30
J-1880		0.00	929.90	780.00	149.90	64.96
J-1881		0.00	929.90	762.00	167.90	72.76
J-1883	N Shelby MM	400.00	786.72	586.00	200.72	86.98
J-1884		0.00	928.80	750.00	178.80	77.48
J-1885		0.00	928.80	725.00	203.80	88.31
J-1886		0.00	928.80	730.00	198.80	86.15
J-1887		0.00	928.80	720.00	208.80	90.48
J-1888		0.00	964.99	764.00	200.99	87.10
J-1889		0.00	964.99	794.00	170.99	74.10
J-189		0.00	929.90	790.00	139.90	60.63
J-1891		0.00	929.92	792.00	137.92	59.76
J-1893		0.00	929.92	768.00	161.92	70.16
J-1894		0.00	929.92	740.00	189.92	82.30
J-1895		0.00	929.92	765.00	164.92	71.46
J-1896		0.00	929.92	788.00	141.92	61.50
J-1897		0.00	929.92	792.00	137.92	59.76
J-1898		0.00	929.92	788.00	141.92	61.50
J-1899		0.00	929.92	786.00	143.92	62.36
J-19		0.00	928.67	802.00	126.67	54.89
J-190	Farmdale MM4	3.00	929.91	776.00	153.91	66.69
J-1900		0.00	929.92	775.00	154.92	67.13

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J-1901	0.00	929.92	776.00	153.92	66.70
J-1902	0.00	929.92	772.00	157.92	68.43
J-1903	0.00	929.92	794.00	135.92	58.90
J-1904	0.00	929.92	780.00	149.92	64.96
J-1905	0.00	805.97	502.00	303.97	131.72
J-1906	0.00	805.97	530.00	275.97	119.59
J-1907	0.00	805.99	609.00	196.99	85.36
J-1908	0.00	805.99	626.00	179.99	78.00
J-1909	0.00	964.93	794.00	170.93	74.07
J-191	0.00	929.90	781.00	148.90	64.53
J-1910	0.00	802.83	507.00	295.83	128.19
J-1911	0.00	964.93	794.00	170.93	74.07
J-1912	0.00	805.47	502.00	303.47	131.51
J-1913	0.00	805.47	504.00	301.47	130.64
J-1914	0.00	957.81	698.00	259.81	112.59
J-1915	0.00	966.78	769.00	197.78	85.70
J-1916	0.00	966.67	798.00	168.67	73.09
J-1917	0.00	966.68	799.00	167.68	72.66
J-1918	0.00	962.37	792.00	170.37	73.83
J-1919	0.00	965.25	746.00	219.25	95.01
J-192	0.00	929.91	804.00	125.91	54.56
J-1920	0.00	962.37	792.00	170.37	73.83
J-1921	0.00	965.33	779.00	186.33	80.74
J-1922	0.00	965.25	748.00	217.25	94.14
J-1923	0.00	965.18	784.00	181.18	78.51
J-1924	0.00	965.11	816.00	149.11	64.61
J-1925	0.00	965.18	761.00	204.18	88.48
J-1926	0.00	962.36	720.00	242.36	105.02
J-1927	0.00	965.18	768.00	197.18	85.44
J-1928	0.00	964.90	724.00	240.90	104.39
J-1929	0.00	965.17	817.00	148.17	64.21
J-193	0.00	929.91	794.00	135.91	58.89
J-1930	0.00	964.93	748.00	216.93	94.00
J-1931	0.00	964.93	761.00	203.93	88.37
J-1932	0.00	964.99	785.00	179.99	78.00
J-1933	0.00	964.99	785.00	179.99	78.00
J-1934	0.00	804.94	501.00	303.94	131.71
J-1935	0.00	964.99	774.00	190.99	82.76
J-1936	0.00	804.94	496.00	308.94	133.87
J-1937	0.00	962.28	747.00	215.28	93.29
J-1938	0.00	929.89	801.00	128.89	55.85
J-1939	0.00	966.66	810.00	156.66	67.89
J-194	0.00	929.92	770.00	159.92	69.30
J-1940	0.00	962.28	795.00	167.28	72.49
J-1941	0.00	929.86	736.00	193.86	84.01
J-1942	0.00	929.86	708.00	221.86	96.14
J-1943	0.00	929.86	722.00	207.86	90.07
J-1944	0.00	929.89	773.00	156.89	67.99
J-1945	0.00	929.89	772.00	157.89	68.42
J-1946	0.00	929.86	738.00	191.86	83.14
J-1947	0.00	929.89	788.00	141.89	61.49
J-1948	0.00	929.86	722.00	207.86	90.07
J-1949	0.00	805.67	501.00	304.67	132.02
J-195	0.00	929.92	795.00	134.92	58.46
J-1950	0.00	929.86	718.00	211.86	91.81
J-1951	0.00	968.50	820.00	148.50	64.35
J-1952	0.00	929.92	773.00	156.92	68.00

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J-1953		0.00	968.50	755.00	213.50	92.52
J-1954		0.00	929.92	773.00	156.92	68.00
J-1955		0.00	968.50	560.00	408.50	177.02
J-1956		0.00	927.80			
J-1957		0.00	927.80			
J-1958		0.00	927.82			
J-1959		0.00	927.85			
J-196		0.00	929.92	790.00	139.92	60.63
J-1960		0.00	929.84			
J-1961		0.00	927.66	744.00	183.66	79.59
J-1962		0.00	928.30	798.00	130.30	56.46
J-1963		0.00	928.30	798.00	130.30	56.46
J-1964		0.00	929.21	742.00	187.21	81.12
J-1965		0.00	929.21	740.00	189.21	81.99
J-1966		0.00	797.28	540.00	257.28	111.49
J-1967		0.00	929.84	736.00	193.84	84.00
J-1968		0.00	929.83			
J-1969		0.00	929.83	728.00	201.83	87.46
J-197		0.00	929.92	780.00	149.92	64.96
J-1970		0.00	806.00	515.00	291.00	126.10
J-1971		0.00	806.00	515.00	291.00	126.10
J-1972		0.00	805.40	502.00	303.40	131.47
J-1973		0.00	805.40	531.00	274.40	118.91
J-1974		0.00	805.42	516.00	289.42	125.41
J-1975		0.00	805.46	508.00	297.46	128.90
J-1976		0.00	805.46	508.00	297.46	128.90
J-1977		0.00	962.26	715.00	247.26	107.15
J-1978		0.00	804.86	506.00	298.86	129.50
J-1979		0.00	805.99	699.00	106.99	46.36
J-198		0.00	929.92	810.00	119.92	51.96
J-1980		0.00	962.25	740.00	222.25	96.31
J-1981		0.00	962.25	766.00	196.25	85.04
J-1982		0.00	962.25	754.00	208.25	90.24
J-1983		0.00	962.28	782.00	180.28	78.12
J-1984		0.00	962.25	752.00	210.25	91.11
J-1985		0.00	962.32	676.00	286.32	124.07
J-1986		0.00	962.32	696.00	266.32	115.40
J-1987		0.00	968.50	815.00	153.50	66.52
J-1988		0.00	957.13	640.00	317.13	137.42
J-1989		0.00	956.32	754.00	202.32	87.67
J-199		0.00	929.91	820.00	109.91	47.63
J-1990		0.00	959.62	749.00	210.62	91.27
J-1991		0.00	959.51	734.00	225.51	97.72
J-1992		0.00	962.28	735.00	227.28	98.49
J-1993		0.00	962.48	818.00	144.48	62.61
J-1994		0.00	957.13	640.00	317.13	137.42
J-1995		0.00	957.13	760.00	197.13	85.43
J-1996		0.00	959.40	748.00	211.40	91.60
J-1997		0.00	959.40	755.00	204.40	88.57
J-1998		0.00	959.38	757.00	202.38	87.70
J-1999		0.00	959.38	757.00	202.38	87.70
J-2	US 60 MM2	150.00	928.78	885.00	43.78	18.97
J-20		0.00	929.21	746.00	183.21	79.39
J-200		0.00	929.90	825.00	104.90	45.46
J-2000		0.00	962.09	743.00	219.09	94.94
J-2001		0.00	960.13	778.00	182.13	78.92
J-2002		0.00	962.09	755.00	207.09	89.74

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J-2003	0.00	968.50	744.00	224.50	97.28
J-201	0.00	929.90	787.00	142.90	61.93
J-202	0.00	929.90	816.00	113.90	49.36
J-203	0.00	929.90	806.00	123.90	53.69
J-204	0.00	929.90	800.00	129.90	56.29
J-205	0.00	929.90	758.00	171.90	74.49
J-206	0.00	929.90	790.00	139.90	60.62
J-207	0.00	929.90	776.00	153.90	66.69
J-208	0.00	929.90	840.00	89.90	38.96
J-209	0.00	929.90	808.00	121.90	52.82
J-21	0.00	928.85	768.00	160.85	69.70
J-210	0.00	929.89	844.00	85.89	37.22
J-211	0.00	929.90	842.00	87.90	38.09
J-212	0.00	929.89	834.00	95.89	41.55
J-213	0.00	929.89	784.00	145.89	63.22
J-214	0.00	929.89	844.00	85.89	37.22
J-215	0.00	929.69	774.00	155.69	67.46
J-216	0.00	929.69	786.00	143.69	62.26
J-217	0.00	929.69	790.00	139.69	60.53
J-218	0.00	929.69	780.00	149.69	64.86
J-219	0.00	929.69	800.00	129.69	56.20
J-22	0.00	929.21	744.00	185.21	80.26
J-220	0.00	929.69	793.00	136.69	59.23
J-221	0.00	929.69	766.00	163.69	70.93
J-222	0.00	929.69	800.00	129.69	56.20
J-223	0.00	929.69	762.00	167.69	72.66
J-224	0.00	929.69	760.00	169.69	73.53
J-225	0.00	929.90	800.00	129.90	56.29
J-226	0.00	929.69	760.00	169.69	73.53
J-227	0.00	929.90	770.00	159.90	69.29
J-228	0.00	929.90	814.00	115.90	50.23
J-229	0.00	929.90	808.00	121.90	52.83
J-23	0.00	928.85	790.00	138.85	60.17
J-230	0.00	929.90	798.00	131.90	57.16
J-231	0.00	929.90	811.00	118.90	51.53
J-232	0.00	929.90	760.00	169.90	73.63
J-233	0.00	929.90	805.00	124.90	54.13
J-234	0.00	929.90	802.00	127.90	55.43
J-235	0.00	929.90	784.00	145.90	63.23
J-236	0.00	929.90	798.00	131.90	57.16
J-237	0.00	929.90	778.00	151.90	65.83
J-238	0.00	929.90	763.00	166.90	72.33
J-239	0.00	929.76	795.00	134.76	58.40
J-24	0.00	929.21	740.00	189.21	81.99
J-240	0.00	929.90	790.00	139.90	60.63
J-241	0.00	929.83	718.00	211.83	91.79
J-242	0.00	929.83	746.00	183.83	79.66
J-243	0.00	929.82	759.00	170.82	74.02
J-244	0.00	929.83	702.00	227.83	98.73
J-245	0.00	929.83	751.00	178.83	77.49
J-246	0.00	929.79	745.00	184.79	80.07
J-247	0.00	929.84	734.00	195.84	84.87
J-248	0.00	929.79	737.00	192.79	83.54
J-249	0.00	929.78	740.00	189.78	82.24
J-25	0.00	927.45	791.00	136.45	59.13
J-250	0.00	929.78	740.00	189.78	82.24
J-251	0.00	929.79	774.00	155.79	67.51

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J-252	0.00	929.83	751.00	178.83	77.49
J-253	0.00	929.83	719.00	210.83	91.36
J-254	0.00	929.83	724.00	205.83	89.19
J-255	0.00	929.84	731.00	198.84	86.16
J-256	0.00	929.84	732.00	197.84	85.73
J-257	0.00	929.84	736.00	193.84	84.00
J-258	0.00	929.84	728.00	201.84	87.46
J-259	0.00	929.86	728.00	201.86	87.47
J-26	0.00	929.21	744.00	185.21	80.26
J-260	0.00	929.84	745.00	184.84	80.10
J-261	0.00	929.86	731.00	198.86	86.17
J-262	0.00	929.86	724.00	205.86	89.21
J-263	0.00	929.86	732.00	197.86	85.74
J-264	0.00	929.79	758.00	171.79	74.44
J-265	0.00	929.80	721.00	208.80	90.48
J-266	0.00	929.80	723.00	206.80	89.61
J-267	0.00	929.80	724.00	205.80	89.18
J-268	0.00	929.80	727.00	202.80	87.88
J-269	0.00	929.82	738.00	191.82	83.12
J-27	0.00	929.21	742.00	187.21	81.13
J-270	0.00	929.23	744.00	185.23	80.26
J-271	0.00	929.23	736.00	193.23	83.73
J-272	0.00	929.23	736.00	193.23	83.73
J-273	0.00	929.23	788.00	141.23	61.20
J-274	0.00	929.40	754.00	175.40	76.01
J-275	0.00	929.23	752.00	177.23	76.80
J-276	0.00	929.40	740.00	189.40	82.08
J-277	0.00	929.71	756.00	173.71	75.27
J-278	0.00	929.71	757.00	172.71	74.84
J-279	0.00	929.80	765.00	164.80	71.41
J-28	0.00	929.23	732.00	197.23	85.46
J-280	0.00	929.80	768.00	161.80	70.11
J-281	0.00	929.80	754.00	175.80	76.18
J-282	0.00	929.80	766.00	163.80	70.98
J-283	0.00	929.22	752.00	177.22	76.80
J-284	0.00	929.22	742.00	187.22	81.13
J-285	0.00	929.22	772.00	157.22	68.13
J-286	0.00	929.22	746.00	183.22	79.40
J-287	0.00	929.21	786.00	143.21	62.06
J-288	0.00	929.21	758.00	171.21	74.19
J-289	0.00	929.02	748.00	181.02	78.44
J-29	0.00	929.25	798.00	131.25	56.87
J-290	0.00	928.86	756.00	172.86	74.91
J-291	0.00	928.84	768.00	160.84	69.70
J-292	0.00	929.05	755.00	174.05	75.42
J-293	0.00	929.82	738.00	191.82	83.12
J-294	0.00	929.85	754.00	175.85	76.20
J-295	0.00	929.86	755.00	174.86	75.77
J-296	0.00	929.85	795.00	134.85	58.44
J-297	0.00	929.84	759.00	170.84	74.03
J-298	0.00	929.84	775.00	154.84	67.10
J-299	0.00	929.21	740.00	189.21	81.99
J-3	0.00	806.00	786.00	20.00	8.66
J-30	0.00	929.22	734.00	195.22	84.59
J-300	0.00	929.21	746.00	183.21	79.39
J-301	0.00	928.84	768.00	160.84	69.70
J-302	0.00	928.84	772.00	156.84	67.96

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J-303	0.00	928.84	770.00	158.84	68.83
J-304	0.00	928.84	772.00	156.84	67.96
J-305	0.00	928.80	786.00	142.80	61.88
J-306	0.00	928.78	784.00	144.78	62.74
J-307	0.00	928.78	767.00	161.78	70.11
J-308	0.00	928.80	774.00	154.80	67.08
J-309	0.00	928.86	763.00	165.86	71.87
J-31	0.00	928.31	769.00	159.31	69.03
J-310	0.00	928.86	774.00	154.86	67.11
J-311	0.00	928.86	766.00	162.86	70.57
J-312	0.00	928.81	780.00	148.81	64.49
J-313	0.00	928.88	764.00	164.88	71.45
J-314	0.00	928.82	766.00	162.82	70.55
J-315	0.00	928.80	774.00	154.80	67.08
J-316	0.00	928.80	772.00	156.80	67.95
J-317	0.00	928.77	791.00	137.77	59.70
J-318	0.00	928.68	786.00	142.68	61.83
J-319	0.00	928.57	798.00	130.57	56.58
J-32	0.00	929.44	754.00	175.44	76.03
J-320	0.00	928.30	798.00	130.30	56.46
J-321	0.00	928.65	791.00	137.65	59.65
J-322	0.00	928.51	785.00	143.51	62.19
J-323	0.00	928.30	783.00	145.30	62.97
J-324	0.00	928.30	794.00	134.30	58.20
J-325	0.00	928.30	792.00	136.30	59.06
J-326	0.00	928.30	833.00	95.30	41.30
J-327	0.00	928.09	811.00	117.09	50.74
J-328	0.00	928.16	790.00	138.16	59.87
J-329	0.00	927.67	796.00	131.67	57.06
J-33	0.00	929.86	738.00	191.86	83.14
J-330	0.00	928.16	794.00	134.16	58.13
J-331	0.00	928.15	782.00	146.15	63.33
J-332	0.00	928.46	752.00	176.46	76.47
J-333	0.00	928.47	752.00	176.47	76.47
J-334	0.00	928.46	762.00	166.46	72.13
J-335	0.00	927.85	745.00	182.85	79.23
J-336	0.00	927.85	750.00	177.85	77.07
J-337	0.00	928.77	744.00	184.77	80.07
J-338	0.00	927.85	750.00	177.85	77.07
J-339	0.00	928.77	750.00	178.77	77.47
J-34	0.00	929.88	736.00	193.88	84.02
J-340	0.00	928.77	752.00	176.77	76.60
J-341	0.00	927.85	766.00	161.85	70.13
J-342	0.00	927.85	764.00	163.85	71.00
J-343	0.00	927.85	783.00	144.85	62.77
J-344	0.00	927.85	798.00	129.85	56.27
J-345	0.00	928.80	746.00	182.80	79.21
J-346	0.00	927.58	796.00	131.58	57.02
J-347	0.00	928.75	762.00	166.75	72.26
J-348	0.00	927.57	805.00	122.57	53.11
J-349	0.00	927.57	800.00	127.57	55.28
J-35	0.00	929.86	784.00	145.86	63.21
J-350	0.00	927.57	822.00	105.57	45.75
J-351	0.00	927.60	797.00	130.60	56.59
J-352	0.00	927.57	810.00	117.57	50.95
J-353	0.00	927.57	788.00	139.57	60.48
J-354	0.00	927.55	805.00	122.55	53.11

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J-355		0.00	927.55	818.00	109.55	47.47
J-356		0.00	927.67	795.00	132.67	57.49
J-357		0.00	927.61	787.00	140.61	60.93
J-358		0.00	927.56	792.00	135.56	58.74
J-359		0.00	927.61	808.00	119.61	51.83
J-36		0.00	928.99	712.00	216.99	94.03
J-360		0.00	927.44	775.00	152.44	66.06
J-361		0.00	927.49	792.00	135.49	58.71
J-362		0.00	927.44	760.00	167.44	72.56
J-363		0.00	926.16	786.00	140.16	60.74
J-364		0.00	927.29	804.00	123.29	53.42
J-365		0.00	929.95	826.00	103.95	45.05
J-366		0.00	927.46	819.00	108.46	47.00
J-367		0.00	927.28	803.00	124.28	53.85
J-368		0.00	927.45	802.00	125.45	54.36
J-369		0.00	927.53	795.00	132.53	57.43
J-37		0.00	928.22	820.00	108.22	46.90
J-370		0.00	929.95	801.00	128.95	55.88
J-371		0.00	927.28	806.00	121.28	52.55
J-372		0.00	928.81	795.00	133.81	57.98
J-373		0.00	928.81	794.00	134.81	58.42
J-374		0.00	913.89	765.00	148.89	64.52
J-375		0.00	928.81	778.00	150.81	65.35
J-376		0.00	914.34	823.00	91.34	39.58
J-377		0.00	915.67	846.00	69.67	30.19
J-378		0.00	917.91	800.00	117.91	51.09
J-379		0.00	916.71	820.00	96.71	41.91
J-38		0.00	929.00	717.00	212.00	91.87
J-380		0.00	916.42	845.00	71.42	30.95
J-381		0.00	966.91	796.00	170.91	74.06
J-382		0.00	929.92	760.00	169.92	73.63
J-383		0.00	929.92	763.00	166.92	72.33
J-384		0.00	929.92	793.00	136.92	59.33
J-385		0.00	929.91	818.00	111.91	48.49
J-386		0.00	929.92	765.00	164.92	71.46
J-387		0.00	929.91	820.00	109.91	47.63
J-388		0.00	929.92	770.00	159.92	69.30
J-389		0.00	805.99	617.00	188.99	81.90
J-39		0.00	926.45	819.00	107.45	46.56
J-390		0.00	805.99	614.00	191.99	83.20
J-391		0.00	806.00	766.00	40.00	17.33
J-392		0.00	805.99	617.00	188.99	81.90
J-393		0.00	805.99	516.00	289.99	125.66
J-394		0.00	806.00	806.00	0.00	0.00
J-395	Farmdale MM1	164.00	922.35	770.00	152.35	66.02
J-396		0.00	806.00	806.00	0.00	0.00
J-397		0.00	805.99	614.00	191.99	83.20
J-398		0.00	805.99	518.00	287.99	124.80
J-399		0.00	805.99	544.00	261.99	113.53
J-4		0.00	929.99	905.00	24.99	10.83
J-40		0.00	927.17	784.00	143.17	62.04
J-400		0.00	805.99	537.00	268.99	116.56
J-401		0.00	805.99	516.00	289.99	125.66
J-402		0.00	805.97	484.00	321.97	139.52
J-403		0.00	805.97	486.00	319.97	138.66
J-404		0.00	805.99	514.00	291.99	126.53
J-405		0.00	805.95	710.00	95.95	41.58

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J-406		0.00	805.99	518.00	287.99	124.80
J-407		0.00	805.97	515.00	290.97	126.09
J-408		0.00	805.97	514.00	291.97	126.52
J-409		0.00	805.97	514.00	291.97	126.52
J-41		0.00	929.00	712.00	217.00	94.03
J-410		0.00	805.34	504.00	301.34	130.58
J-411		0.00	806.00	806.00	0.00	0.00
J-412		0.00	806.00	806.00	0.00	0.00
J-413		0.00	806.00	786.00	20.00	8.67
J-414		0.00	806.00	806.00	0.00	0.00
J-415		0.00	804.91	515.00	289.91	125.63
J-416		0.00	806.00	792.00	14.00	6.07
J-417		0.00	806.00	784.00	22.00	9.53
J-418		0.00	806.00	788.00	18.00	7.80
J-419		0.00	806.00	785.00	21.00	9.10
J-42	S Anderson M	200.00	913.62	747.00	166.62	72.20
J-420		0.00	805.97	630.00	175.97	76.26
J-421		0.00	806.00	605.00	201.00	87.10
J-422		0.00	805.96	592.00	213.96	92.72
J-423		0.00	805.96	592.00	213.96	92.72
J-424		0.00	805.96	596.00	209.96	90.98
J-425		0.00	805.89	558.00	247.89	107.42
J-426		0.00	805.57	510.00	295.57	128.08
J-427		0.00	805.46	510.00	295.46	128.03
J-428		0.00	805.45	517.00	288.45	124.99
J-429		0.00	805.58	510.00	295.58	128.08
J-43		0.00	929.92	710.00	219.92	95.30
J-430		0.00	805.45	530.00	275.45	119.36
J-431		0.00	805.46	520.00	285.46	123.70
J-432		0.00	805.05	498.00	307.05	133.06
J-433		0.00	805.23	499.00	306.23	132.70
J-434		0.00	805.25	502.00	303.25	131.41
J-435		0.00	804.87	520.00	284.87	123.44
J-436		0.00	805.31	498.00	307.31	133.17
J-437		0.00	805.34	504.00	301.34	130.58
J-438		0.00	805.34	504.00	301.34	130.58
J-439		0.00	805.39	507.00	298.39	129.30
J-44		0.00	805.67	501.00	304.67	132.02
J-440		0.00	805.34	503.00	302.34	131.01
J-441		0.00	805.39	506.00	299.39	129.74
J-442		0.00	804.83	516.00	288.83	125.16
J-443		0.00	805.43	553.00	252.43	109.39
J-444		0.00	805.42	516.00	289.42	125.41
J-445		0.00	805.42	514.00	291.42	126.28
J-446		0.00	805.40	510.00	295.40	128.00
J-447		0.00	929.85	805.00	124.85	54.10
J-448		0.00	804.84	518.00	286.84	124.30
J-449		0.00	804.86	535.00	269.86	116.94
J-45		0.00	929.92	765.00	164.92	71.46
J-450		0.00	805.61	510.00	295.61	128.10
J-451		0.00	805.46	508.00	297.46	128.90
J-452		0.00	805.40	515.00	290.40	125.84
J-453		0.00	805.67	511.00	294.67	127.69
J-454		0.00	805.41	511.00	294.41	127.58
J-455		0.00	805.40	514.00	291.40	126.27
J-456		0.00	805.40	505.00	300.40	130.17
J-457		0.00	805.40	506.00	299.40	129.74

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J-458	0.00	805.41	514.00	291.41	126.28
J-459	0.00	805.41	502.00	303.41	131.48
J-46	0.00	929.69	794.00	135.69	58.80
J-460	0.00	805.23	499.00	306.23	132.70
J-461	0.00	805.40	510.00	295.40	128.00
J-462	0.00	805.27	516.00	289.27	125.35
J-463	0.00	805.27	504.00	301.27	130.55
J-464	0.00	805.31	510.00	295.31	127.97
J-465	0.00	805.45	508.00	297.45	128.89
J-466	0.00	805.36	507.00	298.36	129.29
J-467	0.00	805.41	510.00	295.41	128.01
J-468	0.00	805.41	514.00	291.41	126.28
J-469	0.00	805.35	506.00	299.35	129.72
J-47	0.00	929.92	786.00	143.92	62.36
J-470	0.00	805.38	506.00	299.38	129.73
J-471	0.00	805.33	504.00	301.33	130.57
J-472	0.00	805.31	503.00	302.31	131.00
J-473	0.00	805.25	496.00	309.25	134.01
J-474	0.00	805.28	496.00	309.28	134.02
J-475	0.00	805.25	496.00	309.25	134.01
J-476	0.00	805.28	496.00	309.28	134.02
J-477	0.00	805.07	494.00	311.07	134.80
J-478	0.00	805.07	496.00	309.07	133.93
J-479	0.00	805.06	496.00	309.06	133.93
J-48	0.00	929.69	806.00	123.69	53.60
J-480	0.00	805.06	509.00	296.06	128.29
J-481	0.00	804.90	522.00	282.90	122.59
J-482	0.00	965.57	774.00	191.57	83.02
J-483	0.00	804.90	523.00	281.90	122.16
J-484	0.00	965.57	810.00	155.57	67.42
J-485	0.00	805.39	504.00	301.39	130.60
J-486	0.00	805.40	508.00	297.40	128.87
J-487	0.00	805.41	539.00	266.41	115.44
J-488	0.00	805.37	506.00	299.37	129.73
J-489	0.00	805.33	505.00	300.33	130.14
J-49	0.00	929.69	756.00	173.69	75.26
J-490	0.00	805.40	508.00	297.40	128.87
J-491	0.00	805.40	508.00	297.40	128.87
J-492	0.00	805.45	518.00	287.45	124.56
J-493	0.00	805.40	502.00	303.40	131.47
J-494	0.00	805.34	504.00	301.34	130.58
J-495	0.00	805.34	504.00	301.34	130.58
J-496	0.00	805.34	510.00	295.34	127.98
J-497	0.00	929.90	772.00	157.90	68.42
J-498	0.00	805.33	506.00	299.33	129.71
J-499	0.00	805.33	507.00	298.33	129.27
J-5	0.00	928.34	700.00	228.34	98.95
J-50	0.00	929.69	785.00	144.69	62.70
J-500	0.00	805.31	511.00	294.31	127.53
J-501	0.00	805.29	515.00	290.29	125.79
J-502	0.00	805.29	522.00	283.29	122.76
J-503	0.00	805.27	508.00	297.27	128.82
J-504	0.00	805.26	514.00	291.26	126.21
J-505	0.00	805.27	497.00	308.27	133.58
J-506	0.00	805.18	526.00	279.18	120.98
J-507	0.00	805.27	496.00	309.27	134.02
J-508	0.00	805.32	499.00	306.32	132.74

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J-509	0.00	805.34	497.00	308.34	133.61
J-51	0.00	929.69	758.00	171.69	74.40
J-510	0.00	805.33	504.00	301.33	130.57
J-511	0.00	805.31	511.00	294.31	127.53
J-512	0.00	805.35	505.00	300.35	130.15
J-513	0.00	805.34	507.00	298.34	129.28
J-514	0.00	805.39	500.00	305.39	132.34
J-515	0.00	805.07	495.00	310.07	134.36
J-516	0.00	805.53	622.00	183.53	79.53
J-517	0.00	805.53	631.00	174.53	75.63
J-518	0.00	805.53	622.00	183.53	79.53
J-519	0.00	805.53	589.00	216.53	93.83
J-52	0.00	929.69	791.00	138.69	60.10
J-520	0.00	929.86	718.00	211.86	91.81
J-521	0.00	805.93	592.00	213.93	92.70
J-522	0.00	805.93	593.00	212.93	92.27
J-523	0.00	805.92	624.00	181.92	78.83
J-524	0.00	805.80	510.00	295.80	128.18
J-525	0.00	805.81	529.00	276.81	119.95
J-526	0.00	805.81	536.00	269.81	116.92
J-527	0.00	805.76	520.00	285.76	123.83
J-528	0.00	805.76	534.00	271.76	117.76
J-529	0.00	805.71	516.00	289.71	125.54
J-53	0.00	929.69	791.00	138.69	60.10
J-530	0.00	805.74	518.00	287.74	124.69
J-531	0.00	805.71	504.00	301.71	130.74
J-532	0.00	805.65	502.00	303.65	131.58
J-533	0.00	805.66	504.00	301.66	130.72
J-534	0.00	805.68	510.00	295.68	128.13
J-535	0.00	805.65	510.00	295.65	128.11
J-536	0.00	805.65	504.00	301.65	130.71
J-537	0.00	805.64	512.00	293.64	127.24
J-538	0.00	805.67	510.00	295.67	128.12
J-539	0.00	805.70	520.00	285.70	123.80
J-54	0.00	929.90	820.00	109.90	47.63
J-540	0.00	805.69	506.00	299.69	129.86
J-541	0.00	805.74	529.00	276.74	119.92
J-542	0.00	805.69	506.00	299.69	129.87
J-543	0.00	805.76	546.00	259.76	112.56
J-544	0.00	805.76	557.00	248.76	107.80
J-545	0.00	805.59	511.00	294.59	127.66
J-546	0.00	805.76	557.00	248.76	107.80
J-547	0.00	805.67	510.00	295.67	128.12
J-548	0.00	805.71	506.00	299.71	129.88
J-549	0.00	805.76	513.00	292.76	126.86
J-55	0.00	929.90	820.00	109.90	47.63
J-550	0.00	805.82	516.00	289.82	125.59
J-551	0.00	805.82	519.00	286.82	124.29
J-552	0.00	805.75	502.00	303.75	131.63
J-553	0.00	805.71	513.00	292.71	126.84
J-554	0.00	805.71	517.00	288.71	125.11
J-555	0.00	805.62	512.00	293.62	127.24
J-556	0.00	805.68	518.00	287.68	124.66
J-557	0.00	805.67	508.00	297.67	128.99
J-558	0.00	805.36	500.00	305.36	132.32
J-559	0.00	805.71	500.00	305.71	132.48
J-56	0.00	929.90	822.00	107.90	46.76

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J-560	0.00	805.68	511.00	294.68	127.70
J-561	0.00	805.65	504.00	301.65	130.72
J-562	0.00	805.67	508.00	297.67	128.99
J-563	0.00	805.47	504.00	301.47	130.64
J-564	0.00	805.47	507.00	298.47	129.34
J-565	0.00	803.47	517.00	286.47	124.14
J-566	0.00	803.67	510.00	293.67	127.26
J-567	0.00	802.83	496.00	306.83	132.96
J-568	0.00	803.67	576.00	227.67	98.66
J-569	0.00	803.67	602.00	201.67	87.39
J-57	0.00	929.90	780.00	149.90	64.96
J-570	0.00	803.67	574.00	229.67	99.52
J-571	0.00	803.67	571.00	232.67	100.82
J-572	0.00	803.67	587.00	216.67	93.89
J-573	0.00	803.67	624.00	179.67	77.86
J-574	0.00	802.83	512.00	290.83	126.03
J-575	0.00	803.67	610.00	193.67	83.92
J-576	0.00	805.25	508.00	297.25	128.81
J-577	0.00	798.57	508.00	290.57	125.92
J-578	0.00	798.96	510.00	288.96	125.21
J-579	0.00	798.42	510.00	288.42	124.98
J-58	0.00	929.90	777.00	152.90	66.26
J-580	0.00	797.28	517.00	280.28	121.45
J-581	0.00	797.14	499.00	298.14	129.20
J-582	0.00	797.28	499.00	298.28	129.25
J-583	0.00	804.17	590.00	214.17	92.81
J-584	0.00	793.73	528.00	265.73	115.15
J-585	0.00	797.11	511.00	286.11	123.98
J-586	0.00	797.17	510.00	287.17	124.44
J-587	0.00	797.11	503.00	294.11	127.45
J-588	0.00	796.94	511.00	285.94	123.91
J-589	0.00	797.17	508.00	289.17	125.31
J-59	0.00	929.90	813.00	116.90	50.66
J-590	0.00	797.29	508.00	289.29	125.36
J-591	0.00	796.64	517.00	279.64	121.18
J-592	0.00	797.17	506.00	291.17	126.17
J-593	0.00	797.11	499.00	298.11	129.18
J-594	0.00	796.47	536.00	260.47	112.87
J-595	0.00	796.38	542.00	254.38	110.23
J-596	0.00	797.17	503.00	294.17	127.47
J-597	0.00	796.47	548.00	248.47	107.67
J-598	0.00	797.17	504.00	293.17	127.04
J-599	0.00	804.57	510.00	294.57	127.65
J-6	0.00	929.59	794.00	135.59	58.76
J-60	0.00	929.90	738.00	191.90	83.16
J-600	0.00	797.17	503.00	294.17	127.47
J-601	0.00	804.47	516.00	288.47	125.00
J-602	0.00	804.47	510.00	294.47	127.60
J-603	0.00	804.47	502.00	302.47	131.07
J-604	0.00	804.47	511.00	293.47	127.17
J-605	0.00	804.83	580.00	224.83	97.43
J-606	0.00	804.36	507.00	297.36	128.86
J-607	0.00	804.36	514.00	290.36	125.82
J-608	0.00	804.29	528.00	276.29	119.73
J-609	0.00	804.36	514.00	290.36	125.82
J-61	0.00	929.90	814.00	115.90	50.23
J-610	0.00	804.46	507.00	297.46	128.90

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J-611		0.00	804.46	510.00	294.46	127.60
J-612		0.00	804.21	534.00	270.21	117.09
J-613		0.00	804.21	559.00	245.21	106.26
J-614		0.00	804.17	532.00	272.17	117.94
J-615		0.00	803.87	504.00	299.87	129.94
J-616		0.00	804.17	521.00	283.17	122.71
J-617		0.00	804.17	517.00	287.17	124.44
J-618		0.00	804.17	554.00	250.17	108.41
J-619		0.00	804.16	516.00	288.16	124.87
J-62		0.00	929.90	813.00	116.90	50.66
J-620		0.00	928.80	720.00	208.80	90.48
J-621		0.00	804.17	517.00	287.17	124.44
J-622		0.00	804.18	551.00	253.18	109.71
J-623		0.00	804.13	552.00	252.13	109.25
J-624		0.00	804.15	507.00	297.15	128.77
J-625		0.00	804.12	510.00	294.12	127.45
J-626		0.00	804.04	521.00	283.04	122.65
J-627		0.00	803.87	510.00	293.87	127.34
J-628	Peaksmill MM	250.00	802.13	506.00	296.13	128.32
J-629		0.00	802.13	507.00	295.13	127.89
J-63		0.00	929.90	791.00	138.90	60.19
J-630		0.00	802.70	506.00	296.70	128.57
J-631		0.00	802.70	503.00	299.70	129.87
J-632		0.00	802.93	503.00	299.93	129.97
J-633		0.00	803.27	516.00	287.27	124.48
J-634		0.00	803.27	521.00	282.27	122.32
J-635		0.00	803.77	512.00	291.77	126.43
J-636		0.00	803.84	514.00	289.84	125.60
J-637		0.00	803.84	522.00	281.84	122.13
J-638		0.00	803.84	522.00	281.84	122.13
J-639		0.00	803.84	514.00	289.84	125.60
J-64		0.00	929.90	813.00	116.90	50.66
J-640		0.00	804.18	551.00	253.18	109.71
J-641		0.00	804.47	602.00	202.47	87.74
J-642		0.00	804.40	605.00	199.40	86.41
J-643		0.00	804.50	610.00	194.50	84.28
J-644		0.00	804.50	574.00	230.50	99.88
J-645		0.00	804.50	603.00	201.50	87.32
J-646		0.00	804.48	544.00	260.48	112.87
J-647		0.00	804.40	526.00	278.40	120.64
J-648		0.00	804.56	504.00	300.56	130.24
J-649		0.00	804.53	526.00	278.53	120.70
J-65		0.00	929.90	788.00	141.90	61.49
J-650		0.00	804.53	511.00	293.53	127.20
J-651		0.00	804.52	575.00	229.52	99.46
J-652		0.00	804.74	518.00	286.74	124.26
J-653		0.00	804.74	519.00	285.74	123.82
J-654		0.00	804.83	550.00	254.83	110.43
J-655		0.00	804.83	566.00	238.83	103.49
J-656		0.00	804.91	523.00	281.91	122.16
J-657		0.00	804.88	620.00	184.88	80.12
J-658		0.00	805.00	513.00	292.00	126.53
J-659		0.00	804.64	657.00	147.64	63.98
J-66		0.00	929.90	789.00	140.90	61.06
J-660		0.00	804.64	598.00	206.64	89.54
J-661		0.00	804.75	650.00	154.75	67.06
J-662		0.00	804.75	653.00	151.75	65.76

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J-663	0.00	804.15	530.00	274.15	118.80
J-664	0.00	804.15	529.00	275.15	119.23
J-665	0.00	804.15	496.00	308.15	133.53
J-666	0.00	804.15	516.00	288.15	124.86
J-667	0.00	804.64	498.00	306.64	132.88
J-668	0.00	804.64	492.00	312.64	135.48
J-669	0.00	804.64	494.00	310.64	134.61
J-67	0.00	929.90	794.00	135.90	58.89
J-670	0.00	804.64	493.00	311.64	135.04
J-671	0.00	804.84	516.00	288.84	125.16
J-672	0.00	804.86	497.00	307.86	133.40
J-673	0.00	806.00	752.00	54.00	23.40
J-674	0.00	960.13	798.00	162.13	70.25
J-675	0.00	806.00	786.00	20.00	8.67
J-676	0.00	805.81	674.00	131.81	57.12
J-677	0.00	929.86	777.00	152.86	66.24
J-679	0.00	929.67	806.00	123.67	53.59
J-68	0.00	929.90	781.00	148.90	64.53
J-680	0.00	929.67	800.00	129.67	56.19
J-681	0.00	805.99	614.00	191.99	83.20
J-682	0.00	805.95	658.00	147.95	64.11
J-683	0.00	805.99	698.00	107.99	46.80
J-684	0.00	968.50	793.00	175.50	76.05
J-685	0.00	805.99	697.00	108.99	47.23
J-686	0.00	805.99	684.00	121.99	52.86
J-687	0.00	805.99	697.00	108.99	47.23
J-688	0.00	805.99	658.00	147.99	64.13
J-689	0.00	805.99	682.00	123.99	53.73
J-69	0.00	929.90	778.00	151.90	65.83
J-690	0.00	805.99	681.00	124.99	54.16
J-691	0.00	805.99	685.00	120.99	52.43
J-692	0.00	805.96	668.00	137.96	59.78
J-693	0.00	805.59	511.00	294.59	127.66
J-694	0.00	805.96	650.00	155.96	67.58
J-695	0.00	805.56	507.00	298.56	129.38
J-696	0.00	805.59	501.00	304.59	131.99
J-697	0.00	805.56	493.00	312.56	135.44
J-698	0.00	805.64	502.00	303.64	131.58
J-699	0.00	805.64	504.00	301.64	130.71
J-7	0.00	929.59	834.00	95.59	41.42
J-70	0.00	929.90	772.00	157.90	68.43
J-700	0.00	805.64	510.00	295.64	128.11
J-701	0.00	805.64	512.00	293.64	127.25
J-702	0.00	805.64	507.00	298.64	129.41
J-703	0.00	805.65	504.00	301.65	130.71
J-704	0.00	927.78	818.00	109.78	47.57
J-705	0.00	927.79	794.00	133.79	57.98
J-706	0.00	927.78	808.00	119.78	51.91
J-707	0.00	919.25	797.00	122.25	52.97
J-708	0.00	920.11	794.00	126.11	54.65
J-709	0.00	916.43	760.00	156.43	67.79
J-71	0.00	929.90	801.00	128.90	55.86
J-710	0.00	916.43	760.00	156.43	67.79
J-711	0.00	927.68	796.00	131.68	57.06
J-712	0.00	916.43	770.00	146.43	63.45
J-713	0.00	927.66	771.00	156.66	67.89
J-714	0.00	928.56	780.00	148.56	64.38

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J-715		0.00	927.66	775.00	152.66	66.15
J-716		0.00	928.56	822.00	106.56	46.18
J-717		0.00	928.60	810.00	118.60	51.39
J-718		0.00	966.58	816.00	150.58	65.25
J-719		0.00	928.60	818.00	110.60	47.93
J-72		0.00	929.90	774.00	155.90	67.56
J-720		0.00	929.90	778.00	151.90	65.82
J-721		0.00	927.25	818.00	109.25	47.34
J-722		0.00	966.98	555.00	411.98	178.52
J-723		0.00	805.39	508.00	297.39	128.87
J-724		0.00	929.69	766.00	163.69	70.93
J-725		0.00	929.69	760.00	169.69	73.53
J-726		0.00	929.90	768.00	161.90	70.16
J-727		0.00	928.99	716.00	212.99	92.30
J-728		0.00	928.99	744.00	184.99	80.16
J-729		0.00	929.03	720.00	209.03	90.58
J-73		0.00	929.90	794.00	135.90	58.89
J-730		0.00	929.03	738.00	191.03	82.78
J-731		0.00	929.03	725.00	204.03	88.41
J-732		0.00	927.32	818.00	109.32	47.37
J-733		0.00	927.41	820.00	107.41	46.54
J-734		0.00	927.34	815.00	112.34	48.68
J-735		0.00	925.06	801.00	124.06	53.76
J-736	Georgetown M	1900.00	930.92	755.00	175.92	76.23
J-737		0.00	962.26	677.00	285.26	123.61
J-738		0.00	962.25	792.00	170.25	73.77
J-739		0.00	962.26	788.00	174.26	75.51
J-74		0.00	929.66	770.00	159.66	69.19
J-740		0.00	962.26	788.00	174.26	75.51
J-741		0.00	962.28	796.00	166.28	72.05
J-742		0.00	962.32	675.00	287.32	124.50
J-743		0.00	962.32	675.00	287.32	124.50
J-744		0.00	962.32	667.00	295.32	127.97
J-745		0.00	962.32	667.00	295.32	127.97
J-746		0.00	962.32	720.00	242.32	105.00
J-747		0.00	962.32	708.00	254.32	110.20
J-748		0.00	962.32	722.00	240.32	104.14
J-749		0.00	962.32	720.00	242.32	105.00
J-75		0.00	929.89	801.00	128.89	55.85
J-750		0.00	962.32	732.00	230.32	99.80
J-751		0.00	962.32	776.00	186.32	80.74
J-752		0.00	962.32	700.00	262.32	113.67
J-753		0.00	962.32	708.00	254.32	110.20
J-754		0.00	962.32	705.00	257.32	111.50
J-755		0.00	962.32	762.00	200.32	86.80
J-756		0.00	962.32	765.00	197.32	85.50
J-757		0.00	962.32	725.00	237.32	102.84
J-758		0.00	962.32	666.00	296.32	128.40
J-759		0.00	962.32	720.00	242.32	105.00
J-76		0.00	929.89	760.00	169.89	73.62
J-760		0.00	962.32	692.00	270.32	117.14
J-761		0.00	962.32	692.00	270.32	117.14
J-762		0.00	962.35	789.00	173.35	75.12
J-763		0.00	961.25	830.00	131.25	56.88
J-764		0.00	961.25	812.00	149.25	64.68
J-765		0.00	960.04	764.00	196.04	84.95
J-766		0.00	961.10	845.00	116.10	50.31

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J-767		0.00	960.22	776.00	184.22	79.83
J-768		0.00	960.04	765.00	195.04	84.52
J-769		0.00	959.41	744.00	215.41	93.35
J-77		0.00	929.66	770.00	159.66	69.19
J-770		0.00	959.60	752.00	207.60	89.96
J-771		0.00	965.43	806.00	159.43	69.08
J-772		0.00	965.22	794.00	171.22	74.19
J-773		0.00	965.57	774.00	191.57	83.02
J-774		0.00	966.94	811.00	155.94	67.58
J-775		0.00	966.69	786.00	180.69	78.30
J-776		0.00	966.98	847.00	119.98	51.99
J-777		0.00	966.13	804.00	162.13	70.26
J-778		0.00	966.13	821.00	145.13	62.89
J-779		0.00	966.13	820.00	146.13	63.32
J-78		0.00	929.69	773.00	156.69	67.90
J-780		0.00	965.27	794.00	171.27	74.22
J-781		0.00	928.80	730.00	198.80	86.15
J-782		0.00	965.00	787.00	178.00	77.13
J-783		0.00	805.40	525.00	280.40	121.51
J-784		0.00	965.00	757.00	208.00	90.13
J-785		0.00	805.41	526.00	279.41	121.08
J-786		0.00	965.22	797.00	168.22	72.89
J-787		0.00	965.22	794.00	171.22	74.19
J-788		0.00	965.22	755.00	210.22	91.09
J-789		0.00	965.22	756.00	209.22	90.66
J-79		0.00	929.66	770.00	159.66	69.19
J-790		0.00	965.22	772.00	193.22	83.73
J-791		0.00	965.22	787.00	178.22	77.23
J-792		0.00	965.22	763.00	202.22	87.63
J-793		0.00	965.22	752.00	213.22	92.39
J-794		0.00	965.22	759.00	206.22	89.36
J-795		0.00	965.22	754.00	211.22	91.53
J-796		0.00	965.22	755.00	210.22	91.09
J-797		0.00	965.22	748.00	217.22	94.13
J-798		0.00	965.22	741.00	224.22	97.16
J-799		0.00	965.33	766.00	199.33	86.38
J-8	US 60 MM 1	300.00	928.10	692.00	236.10	102.31
J-80		0.00	929.69	759.00	170.69	73.96
J-800		0.00	965.22	747.00	218.22	94.56
J-801		0.00	928.80	706.00	222.80	96.55
J-802		0.00	965.51	808.00	157.51	68.25
J-803		0.00	965.51	830.00	135.51	58.72
J-804		0.00	965.55	816.00	149.55	64.81
J-805		0.00	966.74	779.00	187.74	81.35
J-806		0.00	966.69	764.00	202.69	87.83
J-807		0.00	966.74	773.00	193.74	83.95
J-808		0.00	966.74	768.00	198.74	86.12
J-809		0.00	968.50	855.00	113.50	49.18
J-81		0.00	929.69	810.00	119.69	51.86
J-810		0.00	875.38	510.00	365.38	158.33
J-811		0.00	966.74	772.00	194.74	84.39
J-812		0.00	966.75	800.00	166.75	72.26
J-813		0.00	966.75	758.00	208.75	90.46
J-814		0.00	965.56	814.00	151.56	65.67
J-815		0.00	966.75	786.00	180.75	78.32
J-816		0.00	965.56	804.00	161.56	70.01
J-817		0.00	965.56	789.00	176.56	76.51

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J-818	0.00	965.56	798.00	167.56	72.61
J-819	0.00	965.56	793.00	172.56	74.77
J-82	0.00	929.69	804.00	125.69	54.46
J-820	0.00	965.56	796.00	169.56	73.47
J-821	0.00	965.56	810.00	155.56	67.41
J-822	0.00	965.56	808.00	157.56	68.27
J-823	0.00	965.56	828.00	137.56	59.61
J-824	0.00	965.57	800.00	165.57	71.75
J-825	0.00	965.57	800.00	165.57	71.75
J-826	0.00	965.57	793.00	172.57	74.78
J-827	0.00	965.57	797.00	168.57	73.05
J-828	0.00	965.57	813.00	152.57	66.11
J-829	0.00	965.57	773.00	192.57	83.45
J-83	0.00	929.20	742.00	187.20	81.12
J-830	0.00	965.57	792.00	173.57	75.21
J-831	0.00	965.57	772.00	193.57	83.88
J-832	0.00	965.57	793.00	172.57	74.78
J-833	0.00	965.57	813.00	152.57	66.11
J-834	0.00	965.57	800.00	165.57	71.75
J-835	0.00	965.58	802.00	163.58	70.88
J-836	0.00	965.59	785.00	180.59	78.25
J-837	0.00	965.57	773.00	192.57	83.45
J-838	0.00	965.57	812.00	153.57	66.55
J-839	0.00	965.61	792.00	173.61	75.23
J-84	0.00	929.23	732.00	197.23	85.46
J-840	0.00	966.94	853.00	113.94	49.38
J-841	0.00	966.95	857.00	109.95	47.65
J-842	0.00	966.95	812.00	154.95	67.15
J-843	0.00	966.95	830.00	136.95	59.34
J-844	0.00	966.95	810.00	156.95	68.01
J-845	0.00	966.95	834.00	132.95	57.61
J-846	0.00	966.97	864.00	102.97	44.62
J-847	0.00	966.97	842.00	124.97	54.15
J-848	0.00	966.96	831.00	135.96	58.92
J-849	0.00	966.96	842.00	124.96	54.15
J-85	0.00	929.21	744.00	185.21	80.26
J-850	0.00	966.95	793.00	173.95	75.38
J-851	0.00	966.95	835.00	131.95	57.18
J-852	0.00	966.97	840.00	126.97	55.02
J-853	0.00	966.95	824.00	142.95	61.95
J-854	0.00	966.98	832.00	134.98	58.49
J-855	0.00	966.91	794.00	172.91	74.93
J-856	0.00	966.91	789.00	177.91	77.09
J-857	0.00	966.84	796.00	170.84	74.03
J-858	0.00	966.90	785.00	181.90	78.82
J-859	0.00	966.84	774.00	192.84	83.57
J-86	0.00	929.21	768.00	161.21	69.86
J-860	0.00	805.87	564.00	241.87	104.81
J-861	0.00	966.75	827.00	139.75	60.56
J-862	0.00	966.73	762.00	204.73	88.72
J-863	0.00	966.73	761.00	205.73	89.15
J-864	0.00	966.75	820.00	146.75	63.59
J-865	0.00	966.74	825.00	141.74	61.42
J-866	0.00	966.75	842.00	124.75	54.06
J-867	0.00	968.50	875.00	93.50	40.52
J-868	0.00	968.50	800.00	168.50	73.02
J-869	0.00	968.50	805.00	163.50	70.85

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J-87		0.00	929.21	746.00	183.21	79.39
J-870		0.00	968.50	887.00	81.50	35.32
J-871		0.00	968.50	880.00	88.50	38.35
J-872		0.00	968.50	885.00	83.50	36.18
J-873		0.00	968.50	740.00	228.50	99.02
J-874		0.00	968.50	850.00	118.50	51.35
J-875		0.00	968.50	805.00	163.50	70.85
J-876		0.00	968.50	735.00	233.50	101.18
J-877		0.00	968.50	825.00	143.50	62.18
J-878		0.00	968.50	832.00	136.50	59.15
J-879		0.00	968.50	765.00	203.50	88.18
J-88		0.00	929.21	732.00	197.21	85.46
J-880		0.00	968.50	772.00	196.50	85.15
J-881	Farmdale MM3	126.00	916.43	745.00	171.43	74.29
J-882		0.00	968.50	790.00	178.50	77.35
J-883		0.00	968.50	805.00	163.50	70.85
J-884		0.00	968.50	815.00	153.50	66.52
J-885		0.00	968.50	845.00	123.50	53.52
J-886		0.00	968.50	847.00	121.50	52.65
J-887		0.00	968.50	525.00	443.50	192.18
J-888		0.00	968.50	515.00	453.50	196.52
J-889		0.00	968.50	520.00	448.50	194.35
J-89		0.00	929.03	750.00	179.03	77.58
J-890		0.00	968.50	772.00	196.50	85.15
J-891		0.00	875.38	560.00	315.38	136.67
J-892		0.00	968.50	757.00	211.50	91.65
J-893		0.00	968.50	750.00	218.50	94.68
J-894		0.00	968.50	762.00	206.50	89.48
J-895		0.00	968.50	837.00	131.50	56.98
J-896		0.00	968.50	760.00	208.50	90.35
J-897		0.00	968.50	710.00	258.50	112.02
J-898		0.00	968.50	755.00	213.50	92.52
J-899		0.00	968.50	760.00	208.50	90.35
J-9		0.00	928.34	747.00	181.34	78.58
J-90		0.00	929.21	728.00	201.21	87.19
J-900		0.00	968.50	790.00	178.50	77.35
J-901		0.00	968.50	797.00	171.50	74.32
J-902		0.00	968.50	812.00	156.50	67.82
J-903		0.00	968.50	787.00	181.50	78.65
J-904		0.00	966.63	793.00	173.63	75.24
J-905		0.00	968.50	845.00	123.50	53.52
J-906		0.00	968.50	860.00	108.50	47.02
J-907		0.00	963.04	835.00	128.04	55.48
J-908		0.00	968.50	837.00	131.50	56.98
J-909		0.00	968.50	840.00	128.50	55.68
J-91		0.00	929.02	746.00	183.02	79.31
J-910		0.00	968.50	875.00	93.50	40.52
J-911		0.00	968.50	870.00	98.50	42.68
J-912		0.00	968.50	510.00	458.50	198.68
J-913		0.00	968.50	510.00	458.50	198.68
J-914		0.00	968.50	650.00	318.50	138.02
J-915		0.00	966.98	805.00	161.98	70.19
J-916		0.00	805.76	502.00	303.76	131.63
J-917		0.00	966.98	843.00	123.98	53.72
J-918		0.00	966.98	843.00	123.98	53.72
J-919		0.00	966.98	841.00	125.98	54.59
J-92		0.00	929.22	780.00	149.22	64.66

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J-920	0.00	966.98	865.00	101.98	44.19
J-921	0.00	966.98	760.00	206.98	89.69
J-922	0.00	964.99	786.00	178.99	77.56
J-923	0.00	875.38	760.00	115.38	50.00
J-924	0.00	875.38	539.00	336.38	145.77
J-925	0.00	927.81			
J-926	0.00	966.98	843.00	123.98	53.72
J-927	0.00	964.93	764.00	200.93	87.07
J-928	0.00	964.93	764.00	200.93	87.07
J-929	0.00	964.93	770.00	194.93	84.47
J-93	0.00	929.22	759.00	170.22	73.76
J-930	0.00	964.93	795.00	169.93	73.64
J-931	0.00	964.93	786.00	178.93	77.54
J-932	0.00	964.93	808.00	156.93	68.00
J-933	0.00	964.93	806.00	158.93	68.87
J-934	0.00	964.93	781.00	183.93	79.70
J-935	0.00	964.93	775.00	189.93	82.30
J-936	0.00	964.93	780.00	184.93	80.14
J-937	0.00	964.93	790.00	174.93	75.80
J-938	0.00	964.93	765.00	199.93	86.64
J-939	0.00	964.93	775.00	189.93	82.30
J-94	0.00	929.22	756.00	173.22	75.06
J-940	0.00	964.93	782.00	182.93	79.27
J-941	0.00	964.93	770.00	194.93	84.47
J-942	0.00	964.93	774.00	190.93	82.74
J-943	0.00	964.93	785.00	179.93	77.97
J-944	0.00	964.93	789.00	175.93	76.24
J-945	0.00	964.93	772.00	192.93	83.60
J-946	0.00	964.71	815.00	149.71	64.88
J-947	0.00	964.93	792.00	172.93	74.94
J-948	0.00	968.50	895.00	73.50	31.85
J-949	0.00	964.99	782.00	182.99	79.30
J-95	0.00	929.72	756.00	173.72	75.28
J-950	0.00	964.71	833.00	131.71	57.08
J-951	0.00	942.44	850.00	92.44	40.06
J-952	0.00	942.44	790.00	152.44	66.06
J-953	0.00	942.44	780.00	162.44	70.39
J-954	0.00	942.77	825.00	117.77	51.03
J-955	0.00	942.44	845.00	97.44	42.22
J-956	0.00	963.22	830.00	133.22	57.73
J-957	0.00	942.44	830.00	112.44	48.72
J-958	0.00	963.22	830.00	133.22	57.73
J-959	0.00	963.45	820.00	143.45	62.16
J-96	0.00	929.22	735.00	194.22	84.16
J-960	0.00	963.46	822.00	141.46	61.30
J-961	0.00	964.51	780.00	184.51	79.95
J-962	0.00	964.37	802.00	162.37	70.36
J-963	0.00	964.44	792.00	172.44	74.73
J-964	0.00	964.37	788.00	176.37	76.43
J-965	0.00	964.30	800.00	164.30	71.20
J-966	0.00	964.29	798.00	166.29	72.06
J-967	0.00	964.30	798.00	166.30	72.07
J-968	0.00	964.33	805.00	159.33	69.04
J-969	0.00	964.33	798.00	166.33	72.08
J-97	0.00	929.92	794.00	135.92	58.90
J-970	0.00	964.35	804.00	160.35	69.48
J-971	0.00	964.35	793.00	171.35	74.25

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J-972		0.00	963.88	833.00	130.88	56.71
J-973		0.00	963.91	822.00	141.91	61.50
J-974		0.00	964.20	800.00	164.20	71.15
J-975		0.00	964.06	792.00	172.06	74.56
J-976		0.00	963.91	794.00	169.91	73.63
J-977		0.00	964.06	788.00	176.06	76.29
J-978		0.00	961.49	786.00	175.49	76.05
J-979		0.00	964.19	810.00	154.19	66.81
J-98		0.00	929.76	732.00	197.76	85.70
J-980		0.00	964.18	812.00	152.18	65.94
J-981		0.00	964.18	806.00	158.18	68.54
J-982		0.00	964.18	812.00	152.18	65.94
J-983		0.00	942.77	820.00	122.77	53.20
J-984		0.00	964.04	811.00	153.04	66.32
J-985		0.00	964.04	810.00	154.04	66.75
J-986		0.00	964.04	818.00	146.04	63.28
J-987		0.00	964.04	810.00	154.04	66.75
J-988		0.00	963.45	814.00	149.45	64.76
J-989		0.00	964.04	807.00	157.04	68.05
J-99		0.00	929.91	746.00	183.91	79.69
J-990		0.00	964.04	790.00	174.04	75.42
J-991		0.00	964.04	837.00	127.04	55.05
J-992		0.00	964.04	808.00	156.04	67.62
J-993		0.00	964.04	816.00	148.04	64.15
J-994		0.00	962.07	771.00	191.07	82.80
J-995		0.00	964.04	822.00	142.04	61.55
J-996		0.00	964.04	823.00	141.04	61.12
J-997		0.00	964.04	822.00	142.04	61.55
J-998		0.00	964.04	825.00	139.04	60.25
J-999		0.00	964.04	836.00	128.04	55.48
I-P-EF1	Sullivan Pum	0.00	805.99	535.00	270.99	117.43
I-P-EF2		0.00	805.99	535.00	270.99	117.43
I-P-EF3		0.00	805.99	535.00	270.99	117.43
O-P-G2		0.00	962.32	657.00	305.32	132.30
O-P-G5	Genesco	0.00	962.32	657.00	305.32	132.30
I-P-H1	Hahn Pump	0.00	806.00	738.00	68.00	29.47
I-P-H2		0.00	806.00	738.00	68.00	29.47
O-P-Jett	Jett Pump	0.00	968.50	786.00	182.50	79.08
I-Pump-Mil		0.00	875.38	650.00	225.38	97.67
O-Pump-R		0.00	929.86	784.00	145.86	63.21
O-RV-1		----	875.38	510.00	365.38	158.33
I-RV-2		0.00	966.98	760.00	206.98	89.69
I-RV-3		0.00	968.50	560.00	408.50	177.02
I-RV-4		0.00	968.50	750.00	218.50	94.68
O-RV-5		----	968.50	620.00	348.50	151.02
I-RV-6		0.00	957.13	747.00	210.13	91.05
T-127	US127 Tank	----	930.00	796.00	134.00	58.07
T-Con	Sullivan Tan	----	967.00	845.00	122.00	52.87
T-Hahn	Hahn Tank	----	930.00	905.00	25.00	10.83
T-Res	Reservoir	----	806.00	806.00	0.00	0.00
T-Rose		----	968.50	903.00	65.50	28.38
T-Tot	Taylor Tot T	----	967.00	814.00	153.00	66.30
I-RV-1		0.00	966.98	510.00	456.98	198.02
I-RV-5		0.00	968.50	620.00	348.50	151.02
I-P-Jett	Jett Pump	0.00	966.75	786.00	180.75	78.32
O-Pump-Mil		0.00	968.50	650.00	318.50	138.02
O-RV-2		----	875.38	760.00	115.38	50.00

KYPIPE OUTPUT Case: 1 (PSC model run without pumps on) 1/29/09

I-P-G5	Genesco	0.00	805.95	657.00	148.95	64.54
I-Pump-R		0.00	806.00	784.00	22.00	9.53
O-P-EF1	Sullivan Pum	0.00	966.98	535.00	431.98	187.19
O-P-EF3		0.00	966.98	535.00	431.98	187.19
O-P-EF2		0.00	966.98	535.00	431.98	187.19
O-P-H1	Hahn Pump	0.00	929.88	738.00	191.88	83.15
O-P-H2		0.00	929.88	738.00	191.88	83.15
O-Pump-HS1		----	805.99	595.50	210.49	91.21
O-Pump-HS2		----	805.99	595.50	210.49	91.21
O-Pump-HS3	Water Treatm	----	805.99	595.50	210.49	91.21
O-RV-4		----	968.50	750.00	218.50	94.68
O-RV-6		----	957.13	747.00	210.13	91.05
O-RV-3		----	968.50	560.00	408.50	177.02
I-P-G2		0.00	805.95	657.00	148.95	64.54

REGULATING VALVE REPORT

VALVE LABEL	VALVE TYPE	VALVE SETTING (psi or gpm)	VALVE STATUS	UPSTREAM PRESSURE (psi)	DOWNSTREAM PRESSURE (psi)	THROUGH FLOW (gpm)
RV-1	PRV-1	50.00	CLOSED	198.02	158.33	0.00
RV-2	PRV-1	50.00	ACTIVATED	89.69	50.00	0.00
RV-3	PRV-1	50.00	WIDE OPEN	177.02	177.02	0.00
RV-4	PRV-1	50.00	WIDE OPEN	94.68	94.68	0.00
RV-5	PRV-1	50.00	WIDE OPEN	151.02	151.02	0.00
RV-6	PRV-1	50.00	WIDE OPEN	91.05	91.05	0.00

SUMMARY OF INFLOWS AND OUTFLOWS

- (+) INFLOWS INTO THE SYSTEM FROM SUPPLY NODES
- (-) OUTFLOWS FROM THE SYSTEM INTO SUPPLY NODES

NODE NAME	FLOWRATE (gpm)	NODE TITLE
T-127	563.79	US127 Tank
T-Con	1223.59	Sullivan Tan
T-Hahn	758.21	Hahn Tank
T-Res	650.00	Reservoir
T-Rose	0.00	
T-Tot	1451.41	Taylor Tot T

NET SYSTEM INFLOW = 4647.00
NET SYSTEM OUTFLOW = 0.00
NET SYSTEM DEMAND = 4647.00

***** HYDRAULIC ANALYSIS COMPLETED *****

WHOLESALE CUSTOMER DEMANDS USED IN KYPIPE MODEL

Customer Name	Account #	Meter #	Size	Capability of meter GPM	Actual TP	Known	Location
					Avg. usage X 1.6 PF GPM	Pumpage Rate GPM	
1 Farmdale MM1	108-16905-00	523909	4"	1000	164	Unknown	Twilight Tr
2 Farmdale MM2	108-16906-00	519420	4"	1000	379	Unknown	Twilight Tr
3 Farmdale MM3	115-34734-00	519433	4"	1200	126	N/A	1000 Tamworth
4 Farmdale MM4	076-13410-00	527303	6"	2500	3	N/A	End of Moss Ln
5 US 60 MM1	061-09062-00	517112	3"	450	414	300	Bridgeport Rd past bridge
6 US 60 MM2	066-10007-00	519648	4"	1200	95	150	End of Pea Ridge Rd
7 N Shelby MM	018-02471-00	519649	6"	2500	572	400	Benson Ave
8 Georgetown MM	118-83600-00	519539	10"	6500	672	1900	HWY 1685/Morrow Lane
9 Peaksmill MM1	121-05310-00	519780	4"	1200	240	450	Peaks Mill Rd across from school
10 Peaksmill MM2	065-09669-00	519878	3"	450	3	250	Fair Oaks Lane
11 S Anderson MM	077-17400-00	525627	4"	1000	99	200	127 S at Franklin/Anderson line
12 Elkhorn MM	080-12295-00	526346	4"	1000	183	325	Forks of Elkhorn

Demand used in model

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 4

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

- ITEM 4: Refer to the Plant Board's Response to Item 12(a) of the Commission's Order of July 2, 2008 and the supplemental information provided in the table above.
- a. Provide the costs associated with distribution lines that are used to serve only retail customers. Explain in detail and show all calculations.
 - b. State the wholesale rate that would result if costs associated with distribution lines that do not serve the wholesale customers were excluded from the calculation of the wholesale rate. Explain how the Plant Board derives this rate, state all assumptions used, and show all calculations.

Response: a. It is not possible to reasonably approximate the costs associated with distribution lines used to serve only retail customers. Unlike the wholesale customers that have twelve (12) metering points and a demand that can be estimated, there are approximately 15,500 retail meters. It is not possible to allocate separately 15,500 meters in the hydraulic model.

Furthermore, The Plant Board does not break out expenses or rate base related to distribution mains and transmission

mains separately. The cost of service study allocates expenses and rate base related to mains based on usage and peaking factors. As a result, the wholesale customers are allocated only 22.23% of the expense and rate base related to mains in the cost of service study. Other retail customers are allocated the balance, 77.77%

However, the analysis in Item 12(a) and the supplemental information, based solely on inch-miles of mains and the hydraulic study, indicates that the wholesale customers jointly use 66.1% of inch-mile mains, leaving only 33.9% used solely by other customers, which currently pay 77.77% of costs related to mains.

- b. The Plant Board has properly allocated the distribution system to all classes based on accepted cost allocation principles and the rates that result are appropriate. The Plant Board cannot properly determine the costs of the distribution lines allocable as suggested by the question. In addition, the Plant Board has not determined the portion of the joint-use mains allocable to the wholesale customers.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 5

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 5: Refer to the Plant Board's Response to Item 12(b) of the Commission's Order of July 2, 2008. State whether all capital costs should be allocated to the wholesale rate of customers that shared in the cost to extend the existing system.

Explain.

Response: All customers either directly or indirectly contribute to expansion of the distribution system.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 6

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 6: The Commission has stated previously that costs associated with distribution lines should not be allocated to wholesale customers. Explain in detail the Plant Board's position regarding the allocation of costs related to distribution lines to wholesale customers.

Response: In Case No. 2002-00395, Application of Bracken County Water District (Ky. PSC May 9, 2003) at Attach. C, pp. 8, 10, the Commission specifically allotted distribution lines and storage facilities in the calculation of the wholesale rate. Frankfort Plant Board's position is consistent with that approach. The allocation of cost related to distribution lines, or any other cost, is that the wholesale customers should pay for the costs associated with serving them. Regardless of whether lines are classified as distribution or transmission, if they are needed to provide service to the wholesale customer class, then the costs associated with these lines should be allocated to them.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 7

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 7: State whether the Plant Board's cost-of-service study takes into consideration the shared cost to extend distribution mains. If yes, state where in the study these calculations are found and explain. *If no, explain why the study does not take into consideration the shared cost to extend distribution mains.*

Response: The Cost of Service Study only allocates capital expense as it relates to debt service, which would only include capital costs incurred by the Plant Board.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 8

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 8: Explain why the Plant Board's proposed allocation of costs for storage to wholesale customers is reasonable.

Response: Please see the response to Item 3.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 9

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 9: State the amount of costs associated with storage that is allocated to the wholesale customer.

Response: There are no operating expenses associated with storage that are directly allocated to wholesale customers.

However, the storage assets included in the rate base are allocated to the wholesale customers and this allocation is used to create Factor 17, which allocates items such as payment in lieu of taxes, debt service and capital projects.

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 10

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 10: The Kentucky River Authority charges all utilities that withdraw water from the Kentucky River a fee based on the volume of water withdrawn. Describe how the Plant Board characterizes the Kentucky River Authority fee (e.g., expense, tax, or some other factor). Explain.

Response: Frankfort Plant Board's tariff effective November 30, 2008 characterizes the KRA fee as an adjustment. This adjustment is not part of the wholesale rate as explained in the Response to Item 11. Rather, it is noted as a separate line item. The calculations are shown in the attached tariff.

FOR Entire Service Area
Community, Town or City

P.S.C. KY. NO. 1

Original SHEET NO. 2

CANCELLING P.S.C. KY. NO. N/A

N/A SHEET NO. N/A

The Electric and Water Plant
Board of the City of Frankfort, Kentucky
(Name of Utility)

RULES AND REGULATIONS

APPLICABILITY: All wholesale water users regulated by the Public Service Commission purchasing water from the FEWPB for resale.

KENTUCKY RIVER AUTHORITY WITHDRAWAL FEE:

Tier I Fee	2.2 cents per thousand gallons
Tier II Fee	<u>6.0 cents per thousand gallons</u>
Subtotal	8.2 cents per thousand gallons
Adjustment to recover the full cost of the KRA fee	1.45 cents per thousand gallons
Total for separate line item	9.65 cents per thousand gallons

NOTE: This adjustment recovers the increase in the Kentucky River Authority withdrawal fee adjusted for water loss. All other charges remain in full force and effect.

DATE OF ISSUE October 30, 2008
Month / Date / Year

DATE EFFECTIVE November 30, 2008
Month / Date / Year

ISSUED BY [Signature]
(Signature of Officer)

TITLE General Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION
IN CASE NO. _____ DATED _____

PUBLIC SERVICE COMMISSION
OF KENTUCKY
EFFECTIVE
11/30/2008
PURSUANT TO 807 KAR 5:011
SECTION 9 (1)

By [Signature]
Executive Director

RESPONSE TO PSC

PSC CASE NO. 2008-00250

ITEM 11

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

ITEM 11: The Plant Board currently assesses a separate rate to wholesale customers to recover the Kentucky River Authority withdrawal fee. Explain why this fee should not be eliminated and costs related to the Kentucky River Authority withdrawal fee be included in the Plant Board's wholesale rate.

Response: The Kentucky River Authority was authorized by the Kentucky General Assembly in 1986 to assume control of the Kentucky River locks and dams from the U.S. Corps of Engineers. KRS 151.700 et seq. empowers the KRA to impose and collect water use fees from all entities using water from the Kentucky River basin. On December 17, 1993, the KRA promulgated administrative regulations that established fees for the withdrawal of surface water and groundwater from the Kentucky River Basin. In response to that fee, the Commission allowed utilities to implement various tariff provisions to permit the billing as a separate item of an amount equal to the proportionate part of any KRA fees or charges.

The KRA fee should remain as a separate tariff charge on the bills of the customers for several reasons.

1. The withdrawal fee imposed by the KRA is properly identified as a separate charge on the customer bill. This separate line item identifies the fee as separate from the utility's operations and informs the customers that a portion of their water bill goes directly to the

Frankfort Electric and Water Plant Board
Response to Third Set of Information Requests to Frankfort Plant Board
Case No. 2008-00250

KRA for support of infrastructure improvements undertaken by the KRA.

2. The fee is based on the water withdrawals of the utility and can fluctuate from year to year depending on weather and conditions. The amount of withdrawal is significantly affected by wholesale customers and that impact should be clearly apparent from the bills.
3. The separate tariff charge based on estimated water withdrawals and water sales for the upcoming year with an annual true-up for any over/under collection the prior year is the fairest way to pass the actual cost/savings from collections of the prior year to the customers actually receiving the benefit of that cost. The FEWPB has not historically filed annual rate cases. If the KRA line item is discontinued, the rates could either be too high or too low due to the fluctuations that are present in the actual KRA withdrawal fees at any given time. In the absence of annual rate filings, the fluctuations in the KRA fee would not be trued up as often, and the true-up to actual customers would be less accurate due to customer and usage changes.
4. If the KRA fee is not allowed to be changed as a tariff filing and collected as a separate line item, the FEWPB will be forced to file a rate application for every KRA adjustment, leading to increased regulatory costs to be passed on to the wholesale customers. The

entire cost of such a proceeding is due exclusively to the regulation of the FEWPB'S contracts with those customers. If the FEWPB does not file a rate case for each KRA adjustment, then its unregulated customers will subsidize the wholesale customers for the period between rate cases. That subsidy falling outside a rate case test period will never be recovered from the wholesale customers. The result is a PSC mandated subsidy of regulated customers by unregulated customers.

For these reasons, the FEWPB believes that the KRA fee should remain a separate line item on customer's bills subject to periodic tariff changes coincident with the KRA fee adjustments.

