

Table 6 - List of structure factors for manganoquadratite (to be deposited)

h,k,l, Fc-squared, Fo-squared, sigma(Fo-squared) and status flag

#

data_manganoquadratite

_shelx_title 'super P4322'

_shelx_refln_list_code 4

_shelx_F_calc_maximum 837.65

_exptl_crystal_F_000 1260.00

_reflns_d_resolution_high 0.6754

loop_

_symmetry_equiv_pos_as_xyz

'x, y, z'

'-y, x, z+3/4'

'-x, -y, z+1/2'

'y, -x, z+1/4'

'x, -y, -z+1/2'

'y, x, -z+1/4'

'-x, y, -z'

'-y, -x, -z+3/4'

_cell_length_a 5.4496

_cell_length_b 5.4496

_cell_length_c 32.9490

_cell_angle_alpha 90.000

_cell_angle_beta 90.000

_cell_angle_gamma 90.000

_shelx_F_squared_multiplier 1.000

loop_

_refln_index_h

_refln_index_k

_refln_index_l

_refln_F_squared_calc

_refln_F_squared_meas

_refln_F_squared_sigma

_refln_observed_status

1 1 0 547.18 1061.46 204.50 o

0 2 0 661445.63 674233.75 5224.47 o

1 2 0 1.65 -69.53 96.86 o

2 2 0 353742.41 432020.75 4638.86 o

0 3 0 31.14 414.92 167.24 o

1 3 0 1162.99 1106.17 178.24 o

2 3 0 16.95 121.87 119.27 o

3 3 0 3372.15 4230.73 565.59 o

0 4 0 118197.42 113895.43 2816.69 o

1 4 0 0.24 35.40 90.98 o

2 4 0 77019.16 88685.73 6173.24 o

3 4 0 3.50 228.39 145.75 o

4 4 0 24591.67 27200.54 1661.27 o

0 5 0 73.64 -77.58 158.83 o

1	5	0	333.90	661.71	197.51 o
2	5	0	46.04	157.79	171.98 o
3	5	0	1004.97	1259.55	257.83 o
4	5	0	12.68	203.40	163.16 o
5	5	0	250.67	438.86	341.71 o
0	6	0	12299.79	13105.43	1356.66 o
1	6	0	0.05	154.80	138.97 o
2	6	0	9906.09	10124.70	2014.79 o
3	6	0	0.46	78.25	123.90 o
4	6	0	5563.14	5352.67	598.91 o
5	6	0	2.04	-169.56	169.56 o
0	7	0	82.90	-424.99	470.14 o
1	7	0	14.06	4.19	425.76 o
2	7	0	58.56	2.69	362.28 o
3	7	0	31.78	-180.95	739.29 o
4	7	0	23.28	85.68	212.36 o
0	8	0	1404.72	1186.69	610.84 o
1	8	0	0.01	393.02	556.67 o
1	1	1	850.07	992.40	122.49 o
-1	2	1	1178.07	1517.24	175.68 o
0	2	1	43790.71	74682.73	33691.88 o
1	2	1	1187.89	1283.60	159.77 o
2	2	1	41039.07	45829.43	3927.35 o
-2	3	1	97.51	285.89	128.34 o
-1	3	1	240.35	389.12	123.72 o
0	3	1	59.00	174.52	81.97 o
1	3	1	215.07	281.73	134.95 o
2	3	1	98.47	178.64	107.76 o
3	3	1	356.30	658.65	182.78 o
-3	4	1	103.03	182.25	358.55 o
-2	4	1	23019.95	27158.40	2378.95 o
-1	4	1	573.01	352.39	102.19 o
0	4	1	35778.58	33183.84	3099.76 o
1	4	1	594.69	786.81	169.42 o
2	4	1	22814.61	22686.32	1873.61 o
3	4	1	124.00	243.90	108.92 o
4	4	1	6937.08	8713.65	672.83 o
-4	5	1	0.73	-39.70	114.54 o
-3	5	1	1488.88	1518.33	290.42 o
-2	5	1	14.51	1.05	125.32 o
-1	5	1	375.77	567.74	256.18 o
0	5	1	34.41	-74.91	94.24 o
1	5	1	350.41	521.82	420.11 o
2	5	1	31.48	124.38	134.24 o
3	5	1	1468.29	2310.17	357.43 o
4	5	1	5.77	3.78	135.31 o
5	5	1	1754.12	1321.32	305.02 o
-5	6	1	2.33	-130.41	130.41 o
-4	6	1	1622.81	1457.09	338.32 o
-3	6	1	39.90	-70.37	123.72 o
-2	6	1	6429.60	6588.86	995.27 o
-1	6	1	106.82	142.83	160.95 o
0	6	1	10297.79	11099.83	891.47 o
1	6	1	129.89	353.39	206.12 o

2	6	1	6201.81	6172.63	1102.80 o
3	6	1	72.02	113.89	197.31 o
4	6	1	1488.13	1545.40	355.14 o
5	6	1	11.48	145.48	126.32 o
-4	7	1	6.78	-231.14	354.89 o
-3	7	1	1100.27	404.12	525.43 o
-2	7	1	13.22	258.47	292.60 o
-1	7	1	866.88	845.17	335.36 o
0	7	1	6.44	188.60	317.30 o
1	7	1	867.50	975.68	353.40 o
2	7	1	25.03	78.81	383.45 o
3	7	1	1108.01	1322.45	564.26 o
4	7	1	15.40	208.21	238.05 o
-1	8	1	2.12	119.88	464.88 o
0	8	1	1591.43	891.41	446.68 o
1	8	1	14.31	163.33	392.23 o
1	1	2	12335.98	13162.68	396.63 o
-1	2	2	783.95	917.57	129.92 o
0	2	2	15.73	1084.58	200.69 o
1	2	2	758.41	676.80	105.37 o
2	2	2	6365.95	7709.86	462.02 o
-2	3	2	1173.62	1418.23	219.35 o
-1	3	2	12900.75	12912.55	593.72 o
0	3	2	1226.72	1026.26	165.97 o
1	3	2	12911.71	13483.22	660.21 o
2	3	2	1202.89	1593.91	293.87 o
3	3	2	10081.64	12971.56	690.39 o
-3	4	2	808.32	863.19	228.85 o
-2	4	2	6046.04	7360.92	546.97 o
-1	4	2	363.22	577.72	221.90 o
0	4	2	54.98	5225.43	4643.20 o
1	4	2	341.74	138.54	84.38 o
2	4	2	6095.20	7353.40	544.23 o
3	4	2	780.68	830.09	206.80 o
4	4	2	6868.43	8742.05	666.14 o
-4	5	2	138.60	57.35	271.10 o
-3	5	2	4857.37	5821.21	575.88 o
-2	5	2	29.69	104.10	146.50 o
-1	5	2	7916.55	10213.70	1897.72 o
0	5	2	2.39	154.98	123.94 o
1	5	2	7937.79	9382.42	1999.07 o
2	5	2	43.46	50.36	226.93 o
3	5	2	4883.08	6190.69	941.78 o
4	5	2	151.59	149.43	157.20 o
5	5	2	1807.73	2527.57	392.85 o
-5	6	2	52.94	112.28	122.16 o
-4	6	2	1958.84	2464.11	424.15 o
-3	6	2	196.99	203.67	222.80 o
-2	6	2	1634.16	3078.23	594.35 o
-1	6	2	81.94	209.59	228.45 o
0	6	2	39.70	1363.40	564.23 o
1	6	2	72.91	-163.17	218.87 o
2	6	2	1685.11	2079.76	512.53 o
3	6	2	186.14	285.03	138.71 o

4	6	2	1985.75	2771.27	420.51 o
5	6	2	49.83	139.25	200.45 o
-3	7	2	1259.13	1273.64	365.12 o
-2	7	2	137.02	146.40	395.27 o
-1	7	2	2248.69	3236.93	626.75 o
0	7	2	329.64	376.35	172.29 o
1	7	2	2262.90	2211.37	463.63 o
2	7	2	147.10	91.00	204.17 o
3	7	2	1279.38	1128.54	333.93 o
-1	8	2	2.03	-384.63	384.63 o
0	8	2	14.53	-438.61	496.26 o
1	8	2	0.71	944.15	570.38 o
0	1	3	1193.89	876.19	127.10 o
1	1	3	275.61	548.98	106.91 o
-1	2	3	1584.30	1799.94	193.41 o
0	2	3	7607.77	8143.76	561.95 o
1	2	3	1569.65	1676.25	179.46 o
2	2	3	6574.69	6674.96	422.98 o
-2	3	3	127.75	95.27	85.03 o
-1	3	3	520.34	736.51	216.09 o
0	3	3	324.57	105.42	160.14 o
1	3	3	529.08	661.37	131.97 o
2	3	3	88.72	154.81	160.59 o
3	3	3	350.91	678.86	216.15 o
-3	4	3	81.29	81.46	134.73 o
-2	4	3	3765.43	4785.41	447.82 o
-1	4	3	810.80	1064.31	293.84 o
0	4	3	6971.13	6836.74	500.87 o
1	4	3	735.79	766.54	141.48 o
2	4	3	3786.05	4084.82	422.27 o
3	4	3	1.17	0.73	140.50 o
4	4	3	616.62	757.75	225.84 o
-4	5	3	279.53	465.90	292.43 o
-3	5	3	130.92	333.63	260.26 o
-2	5	3	932.63	1172.63	233.66 o
-1	5	3	201.55	491.67	243.64 o
0	5	3	1328.75	1278.16	290.11 o
1	5	3	212.02	539.07	216.42 o
2	5	3	815.88	1312.82	266.47 o
3	5	3	144.18	627.38	216.78 o
4	5	3	245.83	501.57	237.59 o
5	5	3	65.08	65.69	155.27 o
-5	6	3	174.92	26.84	122.72 o
-4	6	3	128.62	-1.87	140.93 o
-3	6	3	221.11	-157.95	269.53 o
-2	6	3	1202.14	1672.64	672.45 o
-1	6	3	152.58	-43.39	160.56 o
0	6	3	2283.12	3083.55	482.64 o
1	6	3	63.82	161.28	146.50 o
2	6	3	1230.19	1552.37	371.39 o
3	6	3	77.70	51.27	222.07 o
4	6	3	150.49	672.47	202.10 o
5	6	3	115.83	111.48	162.02 o
-3	7	3	55.70	386.80	203.89 o

-2	7	3	375.79	70.19	482.64 o
-1	7	3	75.26	126.90	477.60 o
0	7	3	362.14	-225.46	225.46 o
1	7	3	80.71	973.04	368.75 o
2	7	3	285.40	453.61	243.34 o
3	7	3	67.27	693.61	280.77 o
0	8	3	332.41	-385.77	385.77 o
0	1	4	8.11	58.15	48.33 o
1	1	4	56.80	185.93	101.62 o
-1	2	4	1077.92	1336.55	167.81 o
0	2	4	8426.90	9497.32	445.02 o
1	2	4	1079.32	1065.71	140.54 o
2	2	4	7177.70	8198.90	447.98 o
-2	3	4	905.23	1237.77	244.68 o
-1	3	4	72.46	57.67	76.58 o
0	3	4	7.49	-32.40	94.31 o
1	3	4	83.53	163.32	52.16 o
2	3	4	895.90	728.13	177.05 o
3	3	4	191.35	396.71	184.13 o
-3	4	4	505.79	644.80	214.14 o
-2	4	4	4928.15	6196.73	493.01 o
-1	4	4	186.78	710.65	275.80 o
0	4	4	6009.63	5271.04	441.94 o
1	4	4	186.20	243.60	97.96 o
2	4	4	4946.24	5465.90	804.98 o
3	4	4	513.78	277.39	130.28 o
4	4	4	2946.94	3156.93	391.05 o
-4	5	4	468.16	897.34	233.45 o
-3	5	4	22.41	-68.67	136.72 o
-2	5	4	466.21	795.63	336.32 o
-1	5	4	31.59	478.73	235.17 o
0	5	4	0.47	347.85	177.02 o
1	5	4	51.86	453.77	240.49 o
2	5	4	454.26	813.53	231.23 o
3	5	4	44.99	347.99	271.40 o
4	5	4	454.89	500.32	178.85 o
5	5	4	17.45	256.66	254.10 o
-5	6	4	130.56	87.17	192.62 o
-4	6	4	1369.01	1964.36	359.39 o
-3	6	4	14.67	903.53	385.85 o
-2	6	4	2860.37	4402.80	607.40 o
-1	6	4	96.72	-21.97	117.79 o
0	6	4	3702.47	4743.15	891.23 o
1	6	4	99.39	174.95	135.21 o
2	6	4	2882.07	3261.21	479.51 o
3	6	4	24.84	165.58	163.15 o
4	6	4	1380.20	1422.66	642.86 o
5	6	4	142.35	70.54	121.45 o
-3	7	4	45.41	-72.24	260.01 o
-2	7	4	75.56	251.45	209.18 o
-1	7	4	52.23	114.81	208.91 o
0	7	4	1.41	-81.85	394.33 o
1	7	4	61.78	484.09	396.15 o
2	7	4	69.50	-312.88	312.88 o

3	7	4	55.05	-352.12	352.12	o
0	8	4	1662.97	2228.35	693.37	o
0	1	5	4653.42	4264.02	214.04	o
1	1	5	5.85	346.38	192.15	o
-1	2	5	1357.21	1227.42	156.73	o
0	2	5	600.62	477.81	95.95	o
1	2	5	1349.88	1164.93	155.61	o
2	2	5	591.66	672.75	175.02	o
-2	3	5	1849.42	2039.88	274.98	o
-1	3	5	953.90	1283.18	232.90	o
0	3	5	3900.05	3887.73	258.89	o
1	3	5	882.15	1318.33	156.31	o
2	3	5	1907.18	2039.79	519.32	o
3	3	5	2953.98	3858.18	419.69	o
-3	4	5	216.15	444.50	183.46	o
-2	4	5	356.78	482.80	149.04	o
-1	4	5	28.71	181.03	126.20	o
0	4	5	352.46	561.21	330.73	o
1	4	5	53.83	125.99	101.06	o
2	4	5	351.43	585.97	182.19	o
3	4	5	219.52	105.76	265.46	o
4	4	5	323.48	302.70	157.04	o
-4	5	5	313.04	672.28	231.72	o
-3	5	5	4151.81	3947.36	478.04	o
-2	5	5	1369.85	1378.87	417.93	o
-1	5	5	2670.80	3293.84	1019.68	o
0	5	5	2311.08	2549.38	370.04	o
1	5	5	2547.32	3018.15	511.00	o
2	5	5	1465.05	1681.88	296.22	o
3	5	5	4003.63	5106.84	527.39	o
4	5	5	366.18	362.68	206.74	o
5	5	5	3706.04	3570.99	483.17	o
-5	6	5	52.46	77.24	152.45	o
-4	6	5	325.73	329.14	255.21	o
-3	6	5	22.90	299.10	319.27	o
-2	6	5	175.38	89.98	318.27	o
-1	6	5	4.38	128.68	129.16	o
0	6	5	91.13	415.90	418.85	o
1	6	5	37.05	93.20	210.32	o
2	6	5	193.24	450.42	162.56	o
3	6	5	64.07	102.41	102.16	o
4	6	5	347.65	532.08	204.99	o
-3	7	5	2593.40	2564.68	535.76	o
-2	7	5	444.56	467.08	237.58	o
-1	7	5	2540.38	2805.21	533.19	o
0	7	5	641.50	526.36	228.06	o
1	7	5	2471.78	2785.01	820.68	o
2	7	5	507.89	-342.97	478.33	o
3	7	5	2495.24	2612.08	891.90	o
0	1	6	151.83	467.01	47.76	o
1	1	6	185444.34	215345.70	3554.54	o
-1	2	6	68.07	126.56	60.21	o
0	2	6	1.09	82.31	70.07	o
1	2	6	65.85	185.57	89.10	o

2	2	6	41.27	144.54	81.20 o
-2	3	6	418.09	637.02	166.65 o
-1	3	6	129960.24	128103.81	2959.08 o
0	3	6	788.35	540.76	67.66 o
1	3	6	129956.30	132890.75	3915.85 o
2	3	6	419.54	582.85	161.86 o
3	3	6	82541.32	96339.38	1888.31 o
-3	4	6	82.43	119.71	157.23 o
-2	4	6	12.39	-24.21	111.70 o
-1	4	6	24.82	8.59	155.38 o
0	4	6	6.17	135.67	128.89 o
1	4	6	26.73	-22.59	92.00 o
2	4	6	7.22	348.68	159.37 o
3	4	6	87.43	-52.68	136.69 o
4	4	6	178.88	460.63	156.90 o
-4	5	6	138.43	350.15	171.70 o
-3	5	6	32872.21	35801.08	5040.93 o
-2	5	6	565.78	854.31	343.27 o
-1	5	6	55285.93	62832.41	7759.59 o
0	5	6	932.98	862.83	261.16 o
1	5	6	55280.41	59065.25	3392.49 o
2	5	6	565.53	701.48	200.60 o
3	5	6	32865.71	35153.65	4222.80 o
4	5	6	135.78	68.24	131.88 o
5	5	6	11438.34	12068.14	866.45 o
-5	6	6	40.87	-103.43	247.08 o
-4	6	6	396.77	405.37	213.06 o
-3	6	6	65.45	637.27	307.86 o
-2	6	6	127.62	77.85	366.98 o
-1	6	6	77.88	46.12	176.04 o
0	6	6	8.26	457.07	233.96 o
1	6	6	83.85	17.58	170.30 o
2	6	6	130.48	262.63	131.55 o
3	6	6	77.77	92.81	143.42 o
4	6	6	400.86	498.83	168.66 o
-3	7	6	7256.87	6030.61	997.79 o
-2	7	6	333.50	61.77	362.04 o
-1	7	6	13228.73	13263.30	1571.84 o
0	7	6	499.66	-333.79	388.32 o
1	7	6	13226.02	13293.41	1657.01 o
2	7	6	333.43	60.11	253.01 o
3	7	6	7252.54	7456.17	1363.91 o
0	1	7	17574.72	19518.94	887.22 o
1	1	7	565.76	747.07	111.09 o
-1	2	7	11269.68	12661.81	489.89 o
0	2	7	1714.94	1426.47	105.94 o
1	2	7	11269.44	12329.14	464.31 o
2	2	7	1554.13	1611.83	206.07 o
-2	3	7	3715.52	3952.78	415.73 o
0	3	7	4931.45	4583.82	208.88 o
1	3	7	85.24	700.65	224.93 o
2	3	7	3719.28	3776.16	346.85 o
3	3	7	1196.97	1584.69	597.85 o
-3	4	7	1710.87	1806.52	332.33 o

-2	4	7	736.38	748.03	191.76 o
-1	4	7	3916.15	3714.68	583.95 o
0	4	7	1023.04	751.09	163.12 o
1	4	7	3919.77	4022.67	429.03 o
2	4	7	760.18	924.84	277.27 o
3	4	7	1713.61	1364.22	258.98 o
4	4	7	392.49	508.26	197.91 o
-4	5	7	336.45	172.54	134.43 o
-3	5	7	2932.82	4192.25	622.34 o
-2	5	7	484.95	576.34	322.47 o
-1	5	7	1166.66	1689.08	356.56 o
0	5	7	523.44	302.11	259.07 o
1	5	7	1306.89	1635.25	552.37 o
2	5	7	488.72	496.38	165.80 o
3	5	7	3102.60	3144.08	600.81 o
4	5	7	337.90	86.02	119.58 o
5	5	7	3325.41	3506.97	691.63 o
-5	6	7	132.18	321.44	136.84 o
-4	6	7	308.67	188.47	149.37 o
-3	6	7	479.67	1076.98	444.73 o
-2	6	7	218.91	266.94	205.05 o
-1	6	7	867.29	912.27	260.93 o
0	6	7	188.28	549.97	220.81 o
1	6	7	871.91	648.34	516.93 o
2	6	7	212.84	428.24	197.46 o
3	6	7	485.45	328.10	207.20 o
4	6	7	290.51	123.60	348.59 o
-3	7	7	2235.48	3475.28	832.85 o
-2	7	7	19.09	187.72	306.42 o
-1	7	7	1997.64	2220.67	683.69 o
0	7	7	11.43	-482.71	482.71 o
1	7	7	2077.15	2259.01	697.83 o
2	7	7	18.94	102.42	236.11 o
3	7	7	2350.83	3634.95	1048.07 o
0	0	8	18674.36	15661.40	880.30 o
0	1	8	14.16	104.62	47.56 o
1	1	8	248.57	252.59	177.00 o
-1	2	8	156.55	258.47	94.32 o
0	2	8	9818.31	8583.00	219.47 o
1	2	8	164.75	99.98	153.16 o
2	2	8	6545.88	7201.53	554.27 o
-2	3	8	26.24	123.84	119.88 o
-1	3	8	521.17	451.91	188.83 o
0	3	8	32.69	14.98	42.30 o
1	3	8	511.30	305.75	141.82 o
2	3	8	20.00	56.44	82.25 o
3	3	8	1546.68	1600.26	242.47 o
-3	4	8	39.68	121.82	265.99 o
-2	4	8	3263.03	3887.28	539.91 o
-1	4	8	682.62	707.23	285.74 o
0	4	8	4049.93	3563.41	402.82 o
1	4	8	690.69	447.87	127.79 o
2	4	8	3239.26	3878.96	504.82 o
3	4	8	48.23	-83.90	93.21 o

4	4	8	2012.23	2394.05	343.85 o
-4	5	8	48.77	-107.89	107.89 o
-3	5	8	431.94	914.34	293.15 o
-2	5	8	75.26	-102.31	196.61 o
-1	5	8	169.66	662.50	220.36 o
0	5	8	8.16	145.09	304.20 o
1	5	8	152.30	355.73	181.32 o
2	5	8	76.55	134.45	121.11 o
3	5	8	412.99	579.72	175.67 o
4	5	8	46.94	72.34	219.23 o
5	5	8	29.33	270.01	181.23 o
-4	6	8	1228.09	882.56	399.82 o
-3	6	8	135.92	216.51	330.32 o
-2	6	8	2007.91	2301.29	623.50 o
-1	6	8	825.61	645.40	243.95 o
0	6	8	2370.35	2696.58	474.87 o
1	6	8	827.19	727.92	225.12 o
2	6	8	1976.35	2443.82	326.97 o
3	6	8	137.40	308.59	234.57 o
4	6	8	1209.59	1696.35	505.31 o
-3	7	8	12.49	332.41	350.98 o
-2	7	8	26.98	188.83	312.40 o
-1	7	8	23.11	387.11	400.29 o
0	7	8	4.21	-419.90	419.90 o
1	7	8	15.17	159.44	348.14 o
2	7	8	27.06	-313.73	358.00 o
3	7	8	4.30	-286.55	391.80 o
0	1	9	1920.03	1677.79	109.06 o
1	1	9	430.39	349.39	95.45 o
-1	2	9	1594.21	1588.48	312.21 o
0	2	9	2089.29	1784.59	103.49 o
1	2	9	1695.71	1870.58	169.94 o
2	2	9	2230.84	2058.69	235.09 o
-2	3	9	186.64	292.97	204.60 o
-1	3	9	337.64	165.23	135.98 o
0	3	9	206.69	121.96	39.63 o
1	3	9	327.55	423.40	97.90 o
2	3	9	69.54	140.88	177.60 o
3	3	9	23.27	272.38	231.48 o
-3	4	9	107.63	340.09	203.04 o
-2	4	9	1929.94	1882.47	449.06 o
-1	4	9	593.25	339.26	189.03 o
0	4	9	3073.19	2539.40	297.41 o
1	4	9	734.66	843.35	175.44 o
2	4	9	1941.71	1905.24	274.78 o
3	4	9	318.16	363.26	210.90 o
4	4	9	572.64	854.22	217.80 o
-4	5	9	322.61	318.53	157.89 o
-3	5	9	68.15	287.48	179.10 o
-2	5	9	814.54	1082.70	372.78 o
-1	5	9	40.53	40.21	334.28 o
0	5	9	1289.56	1076.47	243.13 o
1	5	9	21.93	312.10	127.79 o
2	5	9	820.70	745.37	219.27 o

3	5	9	42.59	67.63	309.33 o
4	5	9	264.42	170.57	169.78 o
5	5	9	153.20	-25.87	114.77 o
-4	6	9	166.70	275.00	278.03 o
-3	6	9	173.25	644.36	294.01 o
-2	6	9	1015.80	863.42	301.74 o
-1	6	9	35.55	114.94	108.73 o
0	6	9	1708.68	1503.84	330.20 o
1	6	9	146.10	363.90	301.18 o
2	6	9	1039.95	818.50	271.30 o
3	6	9	357.29	52.97	164.85 o
4	6	9	182.86	285.67	294.89 o
-3	7	9	121.50	231.79	225.10 o
-2	7	9	299.62	94.82	239.78 o
-1	7	9	68.76	65.01	316.87 o
0	7	9	415.27	170.22	342.57 o
1	7	9	56.95	514.21	540.69 o
2	7	9	347.32	-299.26	459.55 o
3	7	9	101.06	429.58	590.79 o
0	1	10	1015.44	1029.62	90.41 o
1	1	10	25567.16	26450.61	1100.61 o
-1	2	10	613.31	465.64	212.45 o
0	2	10	36.65	242.62	50.39 o
1	2	10	631.47	577.20	151.42 o
2	2	10	2507.79	2641.69	262.87 o
-2	3	10	887.75	1248.22	209.21 o
-1	3	10	12008.99	10230.42	872.52 o
0	3	10	1032.00	995.72	104.32 o
1	3	10	12005.05	11330.53	409.66 o
2	3	10	866.11	1115.59	205.57 o
3	3	10	6408.33	6635.77	486.45 o
-3	4	10	411.31	666.91	331.92 o
-2	4	10	2980.92	3132.02	579.31 o
-1	4	10	199.97	184.56	169.54 o
0	4	10	166.18	106.76	99.54 o
1	4	10	213.76	101.42	72.93 o
2	4	10	2947.69	3184.87	345.60 o
3	4	10	429.39	717.57	204.79 o
4	4	10	3854.86	5279.41	577.34 o
-4	5	10	14.03	80.26	103.27 o
-3	5	10	2072.99	1868.60	496.46 o
-2	5	10	37.20	352.05	147.85 o
-1	5	10	3736.23	3875.65	462.88 o
0	5	10	108.70	444.46	180.06 o
1	5	10	3727.10	3731.45	442.50 o
2	5	10	24.34	339.72	229.10 o
3	5	10	2062.50	2363.49	544.22 o
4	5	10	1.25	-4.07	122.18 o
5	5	10	692.20	625.68	370.22 o
-4	6	10	1550.93	2273.39	666.00 o
-3	6	10	28.37	575.86	342.76 o
-2	6	10	1162.62	1404.31	493.36 o
-1	6	10	17.61	-83.06	204.41 o
0	6	10	156.87	1008.77	458.55 o

1	6	10	21.06	246.99	140.37 o
2	6	10	1120.99	1301.07	342.25 o
3	6	10	30.83	201.39	282.30 o
4	6	10	1526.27	2380.17	614.48 o
-3	7	10	459.08	1532.01	607.04 o
-2	7	10	593.37	782.09	416.63 o
-1	7	10	782.82	421.94	279.79 o
0	7	10	981.78	346.99	293.49 o
1	7	10	776.84	900.53	372.51 o
2	7	10	582.35	790.19	619.41 o
0	1	11	9185.16	8520.22	276.73 o
1	1	11	169.21	-13.55	117.64 o
-1	2	11	5231.03	4611.80	538.20 o
0	2	11	24650.42	19993.35	343.22 o
1	2	11	5144.87	4923.33	322.44 o
2	2	11	26435.08	23445.67	845.39 o
-2	3	11	5955.29	6020.17	431.31 o
-1	3	11	45.36	-174.12	174.12 o
0	3	11	9616.90	8149.92	292.65 o
1	3	11	49.04	113.01	67.67 o
2	3	11	6025.45	6244.77	427.36 o
3	3	11	175.59	177.89	180.96 o
-3	4	11	1972.18	1954.44	311.38 o
-2	4	11	17110.54	14773.86	1225.26 o
-1	4	11	1558.54	922.48	280.31 o
0	4	11	24741.88	21587.82	963.99 o
1	4	11	1431.19	1189.38	134.95 o
2	4	11	17224.98	17905.79	807.64 o
3	4	11	1811.39	2085.87	289.46 o
4	4	11	6375.52	6483.33	575.12 o
-4	5	11	1250.26	1488.29	294.47 o
-3	5	11	607.93	773.74	358.21 o
-2	5	11	3855.12	2791.22	602.95 o
-1	5	11	179.20	361.50	208.63 o
0	5	11	5745.82	4996.66	471.67 o
1	5	11	179.49	133.68	104.54 o
2	5	11	3809.08	3743.74	589.07 o
3	5	11	603.80	1009.64	243.61 o
4	5	11	1263.20	1804.48	546.00 o
5	5	11	690.63	588.65	296.86 o
-4	6	11	1636.32	1838.30	554.08 o
-3	6	11	704.07	453.51	363.32 o
-2	6	11	5328.01	5086.33	880.48 o
-1	6	11	611.21	278.34	291.64 o
0	6	11	8209.52	7462.34	1059.51 o
1	6	11	513.67	740.08	353.84 o
2	6	11	5457.52	6419.33	730.16 o
3	6	11	560.69	1183.28	442.17 o
4	6	11	1713.28	2244.88	647.72 o
-2	7	11	1107.66	1432.54	573.12 o
-1	7	11	403.62	-73.79	322.07 o
0	7	11	1500.63	1416.59	635.81 o
1	7	11	396.84	506.30	513.82 o
2	7	11	1047.09	1906.03	651.54 o

0	0	12	701656.44	636954.13	7417.48 o
0	1	12	33.58	321.34	78.18 o
1	1	12	277.77	412.68	187.34 o
-1	2	12	943.23	1132.74	300.41 o
0	2	12	365329.25	327214.59	1366.71 o
1	2	12	930.24	1034.07	109.43 o
2	2	12	209762.81	220905.63	2127.82 o
-2	3	12	1020.20	992.44	198.08 o
-1	3	12	773.84	590.53	194.91 o
0	3	12	163.55	130.53	55.57 o
1	3	12	783.02	660.38	108.78 o
2	3	12	1033.33	900.72	163.91 o
3	3	12	2317.80	2476.62	301.29 o
-3	4	12	1148.04	797.91	219.20 o
-2	4	12	48440.56	46124.35	2155.05 o
-1	4	12	838.28	504.02	192.86 o
0	4	12	73508.04	67750.79	2826.72 o
1	4	12	825.68	663.82	104.38 o
2	4	12	48453.56	52955.38	2730.63 o
3	4	12	1131.70	1213.64	532.20 o
4	4	12	15745.89	16045.41	873.94 o
-4	5	12	957.23	847.62	322.14 o
-3	5	12	760.44	1285.49	465.07 o
-2	5	12	742.83	502.22	375.82 o
-1	5	12	323.69	130.98	176.13 o
0	5	12	196.85	244.95	115.21 o
1	5	12	329.78	123.73	91.14 o
2	5	12	731.17	1395.21	445.37 o
3	5	12	763.45	758.50	345.08 o
4	5	12	949.58	1369.53	495.90 o
5	5	12	207.85	483.33	313.96 o
-4	6	12	3574.51	3571.65	799.82 o
-3	6	12	499.38	585.41	342.33 o
-2	6	12	6266.77	5635.23	924.84 o
-1	6	12	268.35	-188.43	188.43 o
0	6	12	7734.56	8322.12	1121.57 o
1	6	12	260.24	212.30	288.57 o
2	6	12	6279.33	7596.04	822.24 o
3	6	12	483.75	712.44	332.81 o
4	6	12	3582.22	3123.34	791.03 o
-2	7	12	300.23	-246.91	364.40 o
-1	7	12	97.53	965.68	468.19 o
0	7	12	138.09	565.15	461.96 o
1	7	12	93.31	717.12	415.39 o
2	7	12	284.23	162.74	284.59 o
0	1	13	17967.74	18106.61	413.74 o
1	1	13	1051.69	1182.67	262.17 o
-1	2	13	12641.04	13398.33	926.90 o
0	2	13	25133.75	19120.63	479.95 o
1	2	13	12681.75	13016.33	386.83 o
2	2	13	25230.99	22520.34	694.15 o
-2	3	13	7105.05	7507.65	810.10 o
-1	3	13	725.54	723.63	261.40 o
0	3	13	9603.33	9154.77	351.10 o

1	3	13	695.25	520.05	105.55 o
2	3	13	7035.78	6974.01	433.39 o
3	3	13	57.00	249.10	117.98 o
-3	4	13	3095.38	3480.31	398.98 o
-2	4	13	14730.48	14662.08	1245.72 o
-1	4	13	5216.04	5644.31	485.47 o
0	4	13	23803.92	21353.25	794.10 o
1	4	13	5244.71	5232.32	295.30 o
2	4	13	14567.90	13344.42	974.52 o
3	4	13	3145.05	3042.62	362.01 o
4	4	13	3790.14	4061.47	450.68 o
-4	5	13	1217.42	487.11	298.82 o
-3	5	13	1002.79	795.38	443.86 o
-2	5	13	2674.79	2462.66	600.28 o
-1	5	13	132.56	-237.14	268.39 o
0	5	13	3488.29	2849.45	594.01 o
1	5	13	94.40	289.78	137.59 o
2	5	13	2635.17	2536.00	586.34 o
3	5	13	964.60	1140.08	365.16 o
4	5	13	1193.03	1328.26	454.10 o
5	5	13	1416.34	1337.98	472.90 o
-4	6	13	817.49	791.36	389.83 o
-3	6	13	925.89	849.16	417.69 o
-2	6	13	3998.43	4452.16	855.37 o
-1	6	13	1579.28	1809.46	593.60 o
0	6	13	6701.40	6065.01	956.33 o
1	6	13	1586.30	1191.32	484.24 o
2	6	13	3808.31	3783.40	590.60 o
3	6	13	935.79	1650.25	583.65 o
4	6	13	701.79	1387.42	510.33 o
-2	7	13	700.10	881.17	467.23 o
-1	7	13	526.29	540.53	324.79 o
0	7	13	915.35	1781.91	683.41 o
1	7	13	515.73	279.76	344.81 o
2	7	13	691.82	227.97	183.49 o
0	1	14	109.46	187.14	61.11 o
1	1	14	206.24	431.95	196.36 o
-1	2	14	316.16	231.73	171.36 o
0	2	14	5.14	213.65	46.28 o
1	2	14	304.36	212.97	48.21 o
2	2	14	5796.15	5672.71	405.94 o
-2	3	14	371.71	410.41	220.46 o
-1	3	14	2816.71	2668.49	457.61 o
0	3	14	201.72	350.11	74.32 o
1	3	14	2824.98	2622.45	199.62 o
2	3	14	387.26	415.62	193.95 o
3	3	14	4723.27	4847.52	396.03 o
-3	4	14	518.77	746.67	344.17 o
-2	4	14	5883.29	6011.90	816.47 o
-1	4	14	346.24	28.43	126.94 o
0	4	14	15.61	467.78	153.24 o
1	4	14	329.58	376.95	87.48 o
2	4	14	5896.83	6078.18	500.32 o
3	4	14	494.66	490.46	166.86 o

4	4	14	6419.18	8512.20	1060.83	o
-4	5	14	220.96	585.34	408.35	o
-3	5	14	3747.69	4149.32	756.18	o
-2	5	14	73.47	282.85	254.58	o
-1	5	14	5535.31	5168.83	796.86	o
0	5	14	7.79	434.06	326.54	o
1	5	14	5554.74	6189.21	600.62	o
2	5	14	80.81	191.79	169.89	o
3	5	14	3772.81	3980.58	744.89	o
4	5	14	231.89	-72.94	284.47	o
5	5	14	1535.78	1775.23	575.79	o
-4	6	14	1585.40	1826.34	573.44	o
-3	6	14	262.26	172.77	194.42	o
-2	6	14	1442.90	1948.88	580.69	o
-1	6	14	147.05	311.59	198.62	o
0	6	14	4.61	144.53	311.50	o
1	6	14	135.68	214.95	143.83	o
2	6	14	1457.68	1932.55	362.57	o
3	6	14	245.41	645.28	367.67	o
4	6	14	1592.38	1786.78	544.67	o
-2	7	14	3.35	-213.93	248.16	o
-1	7	14	2210.38	2744.25	709.96	o
0	7	14	4.80	691.76	455.57	o
1	7	14	2226.48	2566.62	751.14	o
2	7	14	7.38	78.50	195.61	o
0	1	15	55.88	84.75	49.49	o
1	1	15	1767.99	1794.02	228.16	o
-1	2	15	11.06	-15.10	150.60	o
0	2	15	7300.55	5628.87	260.97	o
1	2	15	72.89	-21.78	278.30	o
2	2	15	6633.72	6341.61	737.96	o
-2	3	15	484.70	286.66	199.39	o
-1	3	15	2591.00	2095.80	434.31	o
0	3	15	750.18	586.33	70.22	o
1	3	15	2602.65	2394.97	190.12	o
2	3	15	338.81	364.58	86.68	o
3	3	15	1052.55	1152.98	199.59	o
-3	4	15	19.36	361.71	351.11	o
-2	4	15	3554.64	3474.01	612.76	o
-1	4	15	149.14	141.20	206.94	o
0	4	15	7112.50	5932.37	361.28	o
1	4	15	172.12	203.87	87.26	o
2	4	15	3615.43	3387.04	490.23	o
3	4	15	93.59	130.93	142.08	o
4	4	15	362.05	777.03	410.55	o
-4	5	15	261.69	126.81	240.22	o
-3	5	15	148.49	556.03	378.63	o
-2	5	15	689.19	845.31	437.51	o
-1	5	15	701.19	76.73	261.33	o
0	5	15	805.99	590.98	302.61	o
1	5	15	712.83	798.60	248.66	o
2	5	15	544.03	327.05	206.07	o
3	5	15	160.15	625.06	344.76	o
4	5	15	169.51	53.85	198.69	o

5	5	15	0.24	236.30	169.90 o
-4	6	15	77.41	-147.57	290.67 o
-3	6	15	32.33	265.46	329.52 o
-2	6	15	868.18	1034.46	450.67 o
-1	6	15	60.94	-13.36	186.70 o
0	6	15	1840.99	1406.31	527.41 o
1	6	15	40.35	74.90	222.91 o
2	6	15	949.45	393.20	212.09 o
3	6	15	3.89	201.85	324.27 o
4	6	15	133.54	301.72	342.82 o
-2	7	15	214.36	-146.33	249.38 o
-1	7	15	51.85	248.54	305.63 o
0	7	15	148.47	0.98	238.39 o
1	7	15	54.35	52.29	236.17 o
2	7	15	139.84	-91.45	183.55 o
0	0	16	926.82	890.89	126.92 o
0	1	16	28.01	229.43	73.99 o
1	1	16	25.02	-26.82	88.98 o
-1	2	16	3335.71	3202.32	469.20 o
0	2	16	0.73	57.20	54.78 o
1	2	16	3342.47	3631.91	340.10 o
2	2	16	261.97	317.35	273.41 o
-2	3	16	2095.02	2291.45	526.29 o
-1	3	16	95.39	519.43	266.77 o
0	3	16	60.70	107.51	51.46 o
1	3	16	90.06	244.76	99.41 o
2	3	16	2076.82	2038.24	185.44 o
3	3	16	341.07	360.41	105.12 o
-3	4	16	1814.61	2198.49	554.20 o
-2	4	16	1461.15	1031.86	385.48 o
-1	4	16	2280.46	1640.39	409.66 o
0	4	16	1433.86	1328.41	315.10 o
1	4	16	2284.76	2614.44	268.13 o
2	4	16	1461.87	1596.92	274.32 o
3	4	16	1831.65	1751.09	469.34 o
4	4	16	1204.95	824.92	392.22 o
-4	5	16	795.87	696.47	379.17 o
-3	5	16	238.63	789.48	390.10 o
-2	5	16	693.54	1267.04	462.30 o
-1	5	16	84.05	263.71	209.60 o
0	5	16	6.28	375.84	315.85 o
1	5	16	82.05	-86.99	134.18 o
2	5	16	677.69	1235.47	314.56 o
3	5	16	238.39	425.07	175.67 o
4	5	16	777.34	388.58	159.83 o
5	5	16	218.31	534.09	449.78 o
-4	6	16	565.40	582.44	368.06 o
-3	6	16	342.49	222.51	287.78 o
-2	6	16	1468.97	789.27	337.86 o
-1	6	16	203.21	484.15	251.89 o
0	6	16	1997.19	2240.87	585.18 o
1	6	16	205.70	198.15	277.55 o
2	6	16	1472.31	1817.02	410.00 o
3	6	16	354.39	322.59	216.85 o

4	6	16	566.44	356.38	335.15 o
-1	7	16	86.65	-31.64	264.87 o
0	7	16	1.31	4.40	401.19 o
1	7	16	89.53	-26.79	181.82 o
0	1	17	33967.00	32122.86	544.58 o
1	1	17	548.12	485.70	145.52 o
-1	2	17	18588.09	17330.00	1085.57 o
0	2	17	194.06	96.71	46.63 o
1	2	17	18494.69	18392.19	612.13 o
2	2	17	181.01	145.42	148.46 o
-2	3	17	12036.98	12467.28	1087.24 o
-1	3	17	1916.41	1773.63	382.57 o
0	3	17	20163.76	18408.01	608.81 o
1	3	17	1896.33	1857.46	147.32 o
2	3	17	12281.66	11782.58	440.60 o
3	3	17	2581.49	2565.92	610.96 o
-3	4	17	3102.26	2643.48	563.10 o
-2	4	17	90.99	194.13	279.29 o
-1	4	17	3735.40	2902.88	570.29 o
0	4	17	208.81	134.38	120.87 o
1	4	17	3710.64	3607.07	328.62 o
2	4	17	95.32	44.81	340.63 o
3	4	17	2979.57	3262.29	644.51 o
4	4	17	1.22	-69.05	204.30 o
-4	5	17	1593.93	1772.07	547.43 o
-3	5	17	2438.31	1988.86	576.75 o
-2	5	17	4777.59	5472.26	850.67 o
-1	5	17	2379.80	2153.92	535.82 o
0	5	17	7185.52	6418.54	865.97 o
1	5	17	2339.74	2275.62	404.75 o
2	5	17	5030.48	5706.17	645.71 o
3	5	17	2389.25	2049.84	605.11 o
4	5	17	1766.70	1003.03	331.60 o
5	5	17	1746.26	1846.99	616.25 o
-3	6	17	588.10	423.32	287.03 o
-2	6	17	39.97	-80.00	223.42 o
-1	6	17	586.75	170.30	287.31 o
0	6	17	43.66	467.90	320.64 o
1	6	17	623.65	627.50	189.32 o
2	6	17	50.74	-136.29	243.40 o
3	6	17	618.74	701.52	273.36 o
-1	7	17	1521.49	933.08	452.00 o
0	7	17	1325.61	1183.40	516.94 o
1	7	17	1497.60	1274.60	514.22 o
0	1	18	543.48	1494.80	155.01 o
1	1	18	64701.59	72142.66	1175.07 o
-1	2	18	290.81	420.63	228.24 o
0	2	18	3.44	27.26	47.69 o
1	2	18	286.28	683.94	154.23 o
2	2	18	4.27	26.96	140.12 o
-2	3	18	1921.44	1844.26	472.12 o
-1	3	18	46711.37	45506.69	1963.39 o
0	3	18	3480.65	2963.45	226.19 o
1	3	18	46704.85	52177.96	2916.96 o

2	3	18	1924.67	1417.37	242.99 o
3	3	18	31433.75	31342.84	1863.77 o
-3	4	18	391.71	720.84	387.72 o
-2	4	18	76.15	344.04	250.08 o
-1	4	18	129.58	472.26	306.53 o
0	4	18	19.66	-18.74	105.46 o
1	4	18	143.37	220.42	101.45 o
2	4	18	74.35	-95.05	95.05 o
3	4	18	422.74	401.39	253.81 o
4	4	18	292.63	87.68	188.57 o
-4	5	18	732.26	828.70	395.88 o
-3	5	18	13205.27	12017.89	1284.29 o
-2	5	18	2877.69	2765.64	629.03 o
-1	5	18	21505.41	20656.36	1612.29 o
0	5	18	4738.40	5363.36	815.09 o
1	5	18	21495.57	20428.95	1132.92 o
2	5	18	2875.05	2638.20	483.42 o
3	5	18	13193.68	14063.05	1442.45 o
4	5	18	709.07	1222.73	519.64 o
5	5	18	4776.11	3972.93	844.03 o
-3	6	18	148.84	15.64	229.87 o
-2	6	18	155.12	118.07	246.63 o
-1	6	18	162.32	-244.26	272.07 o
0	6	18	27.02	573.99	311.05 o
1	6	18	184.98	665.75	372.35 o
2	6	18	167.28	381.95	177.54 o
3	6	18	195.59	212.97	346.06 o
-1	7	18	5215.08	4674.96	954.57 o
0	7	18	2681.80	2833.42	723.12 o
1	7	18	5210.27	4511.04	937.00 o
0	1	19	35182.86	34987.94	595.71 o
1	1	19	321.26	708.62	169.79 o
-1	2	19	22613.82	23714.74	1291.32 o
0	2	19	441.10	475.26	79.97 o
1	2	19	22710.53	23762.74	725.74 o
2	2	19	378.44	671.48	311.30 o
-2	3	19	12417.12	12152.13	1096.74 o
-1	3	19	109.95	608.98	309.71 o
0	3	19	17718.60	18217.83	547.00 o
1	3	19	149.86	119.83	116.20 o
2	3	19	12244.15	11785.63	1071.41 o
3	3	19	203.39	848.06	373.41 o
-3	4	19	4458.63	3891.76	745.22 o
-2	4	19	95.13	-87.84	137.35 o
-1	4	19	7038.07	5943.33	803.06 o
0	4	19	213.58	238.31	100.17 o
1	4	19	7121.09	6902.92	456.55 o
2	4	19	107.58	452.28	184.79 o
3	4	19	4608.76	4449.05	780.90 o
4	4	19	20.30	474.66	234.40 o
-4	5	19	1803.19	1954.06	592.11 o
-3	5	19	1110.93	1136.40	400.02 o
-2	5	19	3874.14	3698.93	718.35 o
-1	5	19	287.79	89.49	215.35 o

0	5	19	4970.09	5061.55	793.01 o
1	5	19	365.10	501.13	243.47 o
2	5	19	3768.22	4348.44	577.96 o
3	5	19	1206.55	811.88	352.01 o
4	5	19	1712.77	1384.20	511.13 o
-3	6	19	1042.17	1421.16	514.66 o
-2	6	19	13.21	589.03	385.43 o
-1	6	19	1409.27	929.37	446.84 o
0	6	19	3.40	-68.35	286.41 o
1	6	19	1437.99	1799.63	508.92 o
2	6	19	5.05	-36.73	213.45 o
3	6	19	1092.56	806.51	313.23 o
0	7	19	736.70	1157.38	425.89 o
0	0	20	4384.70	3440.37	272.68 o
0	1	20	31.26	511.21	101.64 o
1	1	20	152.76	133.39	61.80 o
-1	2	20	1194.80	1894.67	404.61 o
0	2	20	2151.02	1668.71	161.95 o
1	2	20	1208.31	1168.41	168.17 o
2	2	20	1184.01	772.65	337.71 o
-2	3	20	393.77	545.01	283.33 o
-1	3	20	494.26	338.22	164.44 o
0	3	20	100.41	266.68	85.25 o
1	3	20	494.68	324.03	238.94 o
2	3	20	377.11	485.29	167.85 o
3	3	20	1625.80	1788.47	494.22 o
-3	4	20	566.55	1651.98	501.11 o
-2	4	20	401.68	613.82	298.99 o
-1	4	20	1863.16	2293.75	504.26 o
0	4	20	485.52	563.93	185.76 o
1	4	20	1872.93	1683.34	237.09 o
2	4	20	386.52	813.03	227.17 o
3	4	20	579.05	705.31	284.78 o
4	4	20	344.76	574.13	381.65 o
-4	5	20	41.98	202.75	315.30 o
-3	5	20	461.27	1045.50	371.68 o
-2	5	20	48.51	202.05	294.22 o
-1	5	20	169.09	283.45	239.69 o
0	5	20	50.75	198.39	263.26 o
1	5	20	167.81	537.92	181.71 o
2	5	20	44.75	49.24	146.84 o
3	5	20	459.44	308.69	259.56 o
4	5	20	38.06	-91.03	239.79 o
-3	6	20	309.79	1343.25	512.95 o
-2	6	20	468.30	132.08	234.50 o
-1	6	20	961.70	614.59	261.82 o
0	6	20	448.74	536.43	302.78 o
1	6	20	963.62	702.89	383.67 o
2	6	20	443.27	435.63	228.41 o
3	6	20	312.38	120.30	183.28 o
0	1	21	431.57	426.66	73.55 o
1	1	21	792.78	831.20	118.36 o
-1	2	21	321.95	284.91	126.98 o
0	2	21	21.38	92.82	66.70 o

1	2	21	399.68	371.18	93.67 o
2	2	21	60.95	159.35	139.32 o
-2	3	21	256.98	558.67	281.18 o
-1	3	21	1153.62	1094.03	260.84 o
0	3	21	122.18	168.52	88.52 o
1	3	21	1138.39	1300.66	209.30 o
2	3	21	133.39	442.88	164.51 o
3	3	21	224.54	319.42	248.11 o
-3	4	21	206.97	931.12	377.33 o
-2	4	21	300.14	363.09	227.67 o
-1	4	21	108.05	498.62	259.87 o
0	4	21	336.88	161.09	94.36 o
1	4	21	205.52	456.98	165.99 o
2	4	21	310.67	441.39	161.23 o
3	4	21	368.79	363.02	256.59 o
4	4	21	223.81	150.70	164.10 o
-4	5	21	276.46	250.64	315.85 o
-3	5	21	54.75	316.50	258.80 o
-2	5	21	467.95	433.20	312.17 o
-1	5	21	193.43	603.33	297.47 o
0	5	21	609.21	1642.11	473.97 o
1	5	21	164.44	122.04	225.59 o
2	5	21	419.27	581.29	228.27 o
3	5	21	17.89	-191.02	191.02 o
4	5	21	204.98	193.27	219.46 o
-3	6	21	162.96	335.38	464.92 o
-2	6	21	459.72	106.28	252.70 o
-1	6	21	30.95	178.88	201.30 o
0	6	21	679.08	690.29	448.52 o
1	6	21	93.58	-79.11	277.35 o
2	6	21	493.03	292.15	190.40 o
3	6	21	269.37	274.91	289.80 o
0	1	22	316.93	595.70	108.09 o
1	1	22	6894.58	6240.52	296.23 o
-1	2	22	209.59	249.59	155.27 o
0	2	22	37.07	106.21	72.46 o
1	2	22	227.81	154.10	73.46 o
2	2	22	260.19	457.46	192.55 o
-2	3	22	305.33	471.14	294.16 o
-1	3	22	1835.81	1382.70	241.43 o
0	3	22	385.69	551.16	103.55 o
1	3	22	1841.16	1966.96	244.58 o
2	3	22	276.90	158.38	121.12 o
3	3	22	487.54	675.07	354.45 o
-3	4	22	61.68	47.76	231.98 o
-2	4	22	586.06	609.96	256.17 o
-1	4	22	54.58	32.20	162.49 o
0	4	22	205.80	205.41	137.20 o
1	4	22	69.65	163.93	105.18 o
2	4	22	599.77	557.48	317.23 o
3	4	22	86.63	198.16	185.71 o
4	4	22	1033.00	1245.33	430.20 o
-4	5	22	83.71	180.57	308.52 o
-3	5	22	27.64	36.08	267.45 o

-2	5	22	129.34	-122.88	163.37 o
-1	5	22	103.33	-280.40	280.40 o
0	5	22	176.71	563.98	327.40 o
1	5	22	110.16	-200.75	229.73 o
2	5	22	111.74	170.84	163.27 o
3	5	22	35.88	209.95	348.20 o
4	5	22	65.17	316.13	234.14 o
-3	6	22	11.95	112.69	240.41 o
-2	6	22	497.01	743.17	419.77 o
-1	6	22	2.52	283.29	221.09 o
0	6	22	212.74	108.33	245.66 o
1	6	22	6.62	139.17	269.98 o
2	6	22	497.55	643.88	437.40 o
3	6	22	17.81	386.09	161.83 o
0	1	23	14519.67	16811.31	402.59 o
1	1	23	12.77	-1.72	61.21 o
-1	2	23	9591.73	9729.06	615.56 o
0	2	23	5351.17	5136.96	308.82 o
1	2	23	9475.82	10304.51	559.77 o
2	2	23	6781.38	6401.81	548.26 o
-2	3	23	9930.78	9812.21	1007.94 o
-1	3	23	12.57	-10.39	109.63 o
0	3	23	14801.34	14171.00	525.68 o
1	3	23	9.92	-20.14	98.97 o
2	3	23	10067.10	9975.71	682.47 o
3	3	23	3.27	-17.25	164.77 o
-3	4	23	3765.11	3632.49	692.57 o
-2	4	23	5579.40	5081.43	777.97 o
-1	4	23	3508.17	3444.63	641.94 o
0	4	23	7100.35	6665.50	578.57 o
1	4	23	3343.83	2921.67	324.05 o
2	4	23	5586.66	5631.88	502.13 o
3	4	23	3536.73	3777.49	722.87 o
4	4	23	2722.82	2440.44	620.24 o
-4	5	23	2300.75	1790.11	517.30 o
-3	5	23	18.87	-77.79	175.90 o
-2	5	23	6515.07	5561.61	853.72 o
-1	5	23	3.24	265.41	218.62 o
0	5	23	9403.74	8233.37	1026.76 o
1	5	23	0.61	-20.45	328.92 o
2	5	23	6498.33	6381.15	707.49 o
3	5	23	15.72	-276.58	347.41 o
4	5	23	2343.99	2056.65	617.07 o
-2	6	23	2183.68	1501.43	568.36 o
-1	6	23	1277.82	753.30	428.08 o
0	6	23	3042.76	2945.09	751.21 o
1	6	23	1167.09	1064.54	450.82 o
2	6	23	2198.10	2306.13	427.84 o
3	6	23	1043.73	764.21	330.09 o
0	0	24	131236.05	138420.09	1822.19 o
0	1	24	98.24	833.62	115.27 o
1	1	24	67.93	25.89	57.05 o
-1	2	24	1102.62	1321.80	250.32 o
0	2	24	78378.37	79944.58	1166.97 o

1	2	24	1074.99	1174.43	171.08 o
2	2	24	48195.43	51591.39	1494.66 o
-2	3	24	1597.93	1167.54	373.18 o
-1	3	24	251.24	317.23	158.11 o
0	3	24	479.26	123.09	166.86 o
1	3	24	256.21	283.47	108.78 o
2	3	24	1622.80	2213.64	341.70 o
3	3	24	798.29	837.51	253.99 o
-3	4	24	1771.62	1631.10	464.96 o
-2	4	24	11936.23	10451.05	1122.22 o
-1	4	24	1025.23	417.26	303.05 o
0	4	24	17836.11	17745.68	963.69 o
1	4	24	997.95	620.50	274.49 o
2	4	24	11947.38	13022.58	1253.60 o
3	4	24	1744.94	1617.85	485.50 o
4	4	24	3930.50	5268.43	877.65 o
-4	5	24	1688.74	2119.71	613.79 o
-3	5	24	347.75	945.47	458.61 o
-2	5	24	1333.98	737.93	367.24 o
-1	5	24	183.11	293.41	291.76 o
0	5	24	456.92	1120.01	452.67 o
1	5	24	185.23	-29.13	182.28 o
2	5	24	1313.14	1094.71	321.99 o
3	5	24	348.07	497.65	214.87 o
4	5	24	1671.22	1044.02	448.59 o
-2	6	24	1450.62	1937.04	538.09 o
-1	6	24	362.66	265.49	214.41 o
0	6	24	1784.15	1630.01	581.42 o
1	6	24	348.02	218.19	181.57 o
2	6	24	1461.40	1324.00	378.43 o
0	1	25	15242.71	16835.96	435.57 o
1	1	25	799.97	710.22	107.11 o
-1	2	25	11071.64	12540.69	636.82 o
0	2	25	7652.26	7262.44	378.56 o
1	2	25	11186.17	12427.43	501.41 o
2	2	25	8220.63	8480.12	639.12 o
-2	3	25	8796.13	8129.53	925.69 o
-1	3	25	1057.04	955.00	247.26 o
0	3	25	11701.56	12436.15	510.70 o
1	3	25	1042.83	1093.49	205.17 o
2	3	25	8611.83	8674.18	636.00 o
3	3	25	89.17	174.91	178.19 o
-3	4	25	3954.40	2651.65	603.67 o
-2	4	25	5203.45	4393.46	745.78 o
-1	4	25	5077.82	5274.32	776.02 o
0	4	25	8495.60	8002.72	662.74 o
1	4	25	5193.42	4745.66	405.64 o
2	4	25	5138.09	5630.90	827.43 o
3	4	25	4138.19	4180.81	782.42 o
4	4	25	1246.61	2045.76	569.66 o
-4	5	25	2037.92	1866.08	593.97 o
-3	5	25	164.57	341.78	339.65 o
-2	5	25	4482.85	3917.93	741.48 o
-1	5	25	153.20	731.78	380.99 o

0	5	25	5949.13	6290.56	969.41 o
1	5	25	131.79	125.62	234.69 o
2	5	25	4408.34	3892.07	538.81 o
3	5	25	139.92	-0.62	322.21 o
4	5	25	1967.28	1962.72	556.11 o
-2	6	25	1517.59	1993.83	579.82 o
-1	6	25	2006.59	1203.39	488.28 o
0	6	25	2574.24	1591.40	542.85 o
1	6	25	2059.21	2298.27	612.32 o
2	6	25	1433.20	1716.04	400.02 o
0	1	26	34.21	253.15	105.19 o
1	1	26	4568.75	4955.33	248.37 o
-1	2	26	84.36	114.36	98.63 o
0	2	26	3.17	162.28	128.74 o
1	2	26	93.02	204.76	90.34 o
2	2	26	2719.45	2669.51	391.16 o
-2	3	26	59.67	-122.74	122.74 o
-1	3	26	20.84	131.63	108.66 o
0	3	26	88.26	158.41	77.35 o
1	3	26	23.00	-21.28	80.60 o
2	3	26	47.50	194.03	119.17 o
3	3	26	643.64	1045.69	254.35 o
-3	4	26	99.76	366.38	360.05 o
-2	4	26	2996.99	2905.76	623.39 o
-1	4	26	144.33	377.17	298.01 o
0	4	26	10.12	107.96	113.10 o
1	4	26	147.03	112.32	110.50 o
2	4	26	2981.76	3685.72	389.72 o
3	4	26	102.84	191.85	296.73 o
4	4	26	3298.27	3332.36	714.46 o
-4	5	26	96.09	519.60	401.62 o
-3	5	26	1193.27	1679.73	518.13 o
-2	5	26	19.24	90.59	173.96 o
-1	5	26	1605.77	1682.98	539.67 o
0	5	26	1.86	495.99	378.80 o
1	5	26	1613.59	1847.52	534.06 o
2	5	26	14.89	-134.32	139.78 o
3	5	26	1204.39	1022.89	435.69 o
4	5	26	95.16	-327.07	327.07 o
-2	6	26	750.92	1051.95	440.63 o
-1	6	26	108.32	-30.35	173.41 o
0	6	26	1.76	-203.87	346.26 o
1	6	26	105.01	311.39	322.27 o
2	6	26	736.47	1190.00	579.04 o
0	1	27	927.43	873.82	111.30 o
1	1	27	1592.59	1388.19	141.37 o
-1	2	27	378.02	402.86	121.46 o
0	2	27	4166.49	4105.71	337.30 o
1	2	27	421.18	322.01	176.67 o
2	2	27	4006.38	3530.14	443.70 o
-2	3	27	509.77	616.83	274.74 o
-1	3	27	2618.59	2941.36	371.84 o
0	3	27	682.57	739.69	149.84 o
1	3	27	2630.41	2484.09	297.12 o

2	3	27	418.04	292.61	122.45 o
3	3	27	919.10	583.15	839.27 o
-3	4	27	121.87	643.72	434.81 o
-2	4	27	2176.46	2127.52	525.10 o
-1	4	27	14.21	52.23	157.86 o
0	4	27	4422.07	4222.76	483.76 o
1	4	27	49.27	20.87	91.34 o
2	4	27	2243.72	2101.51	306.03 o
3	4	27	196.21	-152.31	167.11 o
4	4	27	204.10	135.03	236.32 o
-3	5	27	84.89	672.97	382.44 o
-2	5	27	278.63	251.24	322.08 o
-1	5	27	694.40	978.66	402.55 o
0	5	27	224.81	656.18	309.72 o
1	5	27	707.96	839.60	271.67 o
2	5	27	206.15	529.38	233.42 o
3	5	27	98.43	306.56	254.60 o
-1	6	27	19.27	205.69	172.97 o
0	6	27	1097.75	700.53	429.40 o
1	6	27	28.27	-329.30	329.30 o
2	6	27	577.87	-454.03	454.03 o
0	0	28	15040.50	16916.00	1242.84 o
0	1	28	49.22	629.87	135.52 o
1	1	28	90.23	88.12	78.46 o
-1	2	28	2748.20	2868.45	320.95 o
0	2	28	6665.32	7436.10	405.73 o
1	2	28	2757.89	2731.93	251.76 o
2	2	28	2816.43	3407.65	423.41 o
-2	3	28	1599.85	1499.30	251.50 o
-1	3	28	345.28	549.46	167.76 o
0	3	28	161.30	247.54	138.81 o
1	3	28	331.42	308.20	194.40 o
2	3	28	1584.29	1899.20	312.06 o
3	3	28	1303.29	1435.61	287.39 o
-3	4	28	1663.11	971.36	377.91 o
-2	4	28	52.98	145.54	329.44 o
-1	4	28	2747.95	2650.47	569.14 o
0	4	28	190.25	288.77	247.03 o
1	4	28	2754.22	2788.99	356.71 o
2	4	28	38.84	153.82	176.83 o
3	4	28	1674.08	1931.40	549.36 o
4	4	28	28.92	71.58	241.44 o
-3	5	28	692.77	320.84	266.69 o
-2	5	28	420.38	451.25	346.89 o
-1	5	28	183.26	-327.92	327.92 o
0	5	28	51.75	576.82	327.84 o
1	5	28	167.12	160.08	190.06 o
2	5	28	415.29	462.84	231.67 o
3	5	28	677.64	1144.70	340.88 o
-1	6	28	656.16	332.62	273.83 o
0	6	28	246.16	683.75	338.96 o
1	6	28	656.54	956.99	431.04 o
2	6	28	156.24	153.03	201.30 o
0	1	29	27454.92	28847.23	687.52 o

1	1	29	568.37	654.12	126.18 o
-1	2	29	16901.31	16661.40	721.58 o
0	2	29	1112.20	1098.50	176.99 o
1	2	29	16799.67	16509.11	538.72 o
2	2	29	1249.42	994.16	181.85 o
-2	3	29	10124.29	10564.28	630.10 o
-1	3	29	1391.80	1112.65	276.74 o
0	3	29	15804.21	17072.13	736.13 o
1	3	29	1396.88	1376.21	204.67 o
2	3	29	10366.18	11653.62	1089.62 o
3	3	29	1001.42	1516.35	326.91 o
-3	4	29	3229.69	2929.87	450.27 o
-2	4	29	768.60	858.88	383.88 o
-1	4	29	4464.24	2991.05	607.98 o
0	4	29	1222.66	736.18	334.98 o
1	4	29	4405.49	4170.83	404.82 o
2	4	29	764.91	525.81	199.50 o
3	4	29	3066.59	2735.16	648.12 o
4	4	29	161.28	408.46	283.22 o
-3	5	29	550.26	399.71	319.38 o
-2	5	29	3463.50	4366.12	828.51 o
-1	5	29	1060.81	844.86	363.52 o
0	5	29	4914.52	4944.44	915.59 o
1	5	29	1065.79	1411.48	367.96 o
2	5	29	3682.14	4129.63	582.20 o
3	5	29	554.35	363.82	183.94 o
0	6	29	321.46	-49.60	231.47 o
1	6	29	954.99	743.66	448.06 o
2	6	29	173.82	-396.61	396.61 o
0	1	30	396.64	1894.39	252.46 o
1	1	30	9235.94	9698.74	566.48 o
-1	2	30	243.17	636.99	206.07 o
0	2	30	1.61	19.69	76.11 o
1	2	30	235.69	514.24	145.33 o
2	2	30	84.83	54.88	89.63 o
-2	3	30	1659.03	1904.21	290.03 o
-1	3	30	6111.13	6436.15	625.39 o
0	3	30	2935.37	2718.37	320.55 o
1	3	30	6107.85	6098.33	448.50 o
2	3	30	1666.31	1687.18	267.49 o
3	3	30	4004.29	4278.37	520.25 o
-3	4	30	385.10	686.41	271.59 o
-2	4	30	186.82	445.53	314.41 o
-1	4	30	161.33	87.96	274.42 o
0	4	30	7.63	136.87	279.49 o
1	4	30	180.69	184.05	110.91 o
2	4	30	194.32	-28.12	117.41 o
3	4	30	429.96	167.89	246.84 o
4	4	30	405.10	625.20	326.74 o
-3	5	30	1565.84	2002.82	576.80 o
-2	5	30	2756.77	2298.51	596.61 o
-1	5	30	2450.97	2319.63	581.51 o
0	5	30	4506.90	4814.66	890.72 o
1	5	30	2446.20	2955.82	659.37 o

2	5	30	2752.62	2916.72	499.13 o
3	5	30	1560.25	1683.58	553.50 o
0	1	31	20205.20	23338.99	765.81 o
1	1	31	38.60	511.86	182.14 o
-1	2	31	13156.77	14174.31	679.33 o
0	2	31	1.10	8.40	105.11 o
1	2	31	13289.68	13999.50	604.54 o
2	2	31	19.61	102.30	112.97 o
-2	3	31	9409.00	9930.73	624.69 o
-1	3	31	4.13	176.95	118.41 o
0	3	31	13348.58	14073.47	694.80 o
1	3	31	13.44	87.05	127.55 o
2	3	31	9145.14	9347.07	1154.22 o
3	3	31	84.42	194.70	143.23 o
-3	4	31	3204.58	3410.54	511.31 o
-2	4	31	122.37	110.44	200.32 o
-1	4	31	3986.19	4105.89	746.36 o
0	4	31	78.67	-96.45	258.28 o
1	4	31	4091.21	3919.04	505.41 o
2	4	31	114.09	80.96	102.96 o
3	4	31	3413.52	2956.08	496.46 o
4	4	31	132.14	62.59	217.44 o
-3	5	31	318.21	219.96	236.28 o
-2	5	31	4007.29	2910.64	711.36 o
-1	5	31	146.27	701.36	366.47 o
0	5	31	5152.50	5759.72	972.69 o
1	5	31	165.88	705.19	470.77 o
2	5	31	3818.91	3705.37	544.56 o
3	5	31	343.30	219.25	518.07 o
0	0	32	336.15	567.79	297.30 o
0	1	32	27.87	651.84	159.81 o
1	1	32	46.68	98.66	107.74 o
-1	2	32	1249.78	1769.33	264.73 o
0	2	32	40.22	254.30	106.67 o
1	2	32	1260.88	1459.55	211.53 o
2	2	32	15.61	197.29	127.58 o
-2	3	32	592.27	814.12	217.82 o
-1	3	32	154.98	249.30	97.31 o
0	3	32	99.55	155.04	93.25 o
1	3	32	158.66	229.83	189.87 o
2	3	32	575.57	466.09	142.44 o
3	3	32	488.20	346.29	217.14 o
-3	4	32	660.82	1216.75	329.74 o
-2	4	32	77.53	357.78	184.69 o
-1	4	32	1520.00	788.40	282.21 o
0	4	32	86.43	246.59	289.63 o
1	4	32	1525.81	1321.03	289.30 o
2	4	32	73.29	57.25	128.77 o
3	4	32	668.96	574.64	334.08 o
4	4	32	18.31	-70.70	163.20 o
-3	5	32	104.18	263.53	284.05 o
-2	5	32	108.20	537.88	362.38 o
-1	5	32	44.04	143.50	214.83 o
0	5	32	48.32	160.19	229.24 o

1	5	32	47.97	197.82	180.11 o
2	5	32	102.26	286.54	170.81 o
3	5	32	107.36	333.52	168.82 o
0	1	33	262.62	348.23	122.43 o
1	1	33	358.33	398.22	150.07 o
-1	2	33	126.44	175.14	486.92 o
0	2	33	182.85	208.89	121.69 o
1	2	33	147.27	34.19	102.96 o
2	2	33	128.37	296.79	201.21 o
-2	3	33	114.10	368.33	150.54 o
-1	3	33	510.46	574.50	176.02 o
0	3	33	2.02	184.12	133.48 o
1	3	33	495.91	466.29	174.78 o
2	3	33	77.34	363.11	123.26 o
3	3	33	64.28	479.67	143.46 o
-3	4	33	144.15	364.68	222.38 o
-2	4	33	0.51	-43.12	222.02 o
-1	4	33	22.50	-8.99	213.31 o
0	4	33	9.34	-292.49	292.49 o
1	4	33	47.69	167.46	175.26 o
2	4	33	0.77	103.34	135.61 o
3	4	33	188.39	-0.92	311.24 o
4	4	33	39.17	-149.89	234.09 o
-3	5	33	64.09	-252.49	276.42 o
-2	5	33	125.37	623.28	344.97 o
-1	5	33	59.47	490.77	301.60 o
0	5	33	74.85	252.59	276.94 o
1	5	33	34.97	430.86	310.01 o
2	5	33	106.63	-136.71	326.59 o
3	5	33	35.55	-113.23	214.13 o
0	1	34	106.00	300.70	116.18 o
1	1	34	115.57	286.36	140.55 o
-1	2	34	61.87	113.56	165.76 o
0	2	34	18.34	37.64	103.44 o
1	2	34	77.18	275.74	170.38 o
2	2	34	10.64	-24.13	115.86 o
-2	3	34	109.29	53.76	242.25 o
-1	3	34	222.55	263.99	129.29 o
0	3	34	164.98	99.95	88.91 o
1	3	34	231.56	80.65	119.40 o
2	3	34	82.50	154.94	218.56 o
3	3	34	506.73	239.67	106.42 o
-3	4	34	9.61	-16.14	216.23 o
-2	4	34	36.99	-59.65	170.29 o
-1	4	34	18.50	154.74	262.05 o
0	4	34	108.01	-106.56	193.39 o
1	4	34	29.68	61.79	135.31 o
2	4	34	60.85	123.12	180.44 o
3	4	34	29.40	158.20	158.43 o
-2	5	34	68.64	-85.29	205.85 o
-1	5	34	585.23	693.46	356.94 o
0	5	34	43.29	57.65	248.41 o
1	5	34	599.62	586.65	342.88 o
2	5	34	52.02	88.46	232.12 o

0	1	35	5186.96	6246.64	425.54 o
1	1	35	2.71	-18.73	114.94 o
-1	2	35	3777.03	4685.67	544.56 o
0	2	35	255.62	434.55	151.25 o
1	2	35	3703.94	4095.43	529.29 o
2	2	35	459.42	391.56	191.99 o
-2	3	35	4539.42	4364.13	434.06 o
-1	3	35	3.64	90.95	120.03 o
0	3	35	6411.57	6767.76	444.12 o
1	3	35	3.02	-111.62	111.62 o
2	3	35	4643.65	4442.52	556.83 o
3	3	35	18.80	-28.10	150.48 o
-3	4	35	1984.26	1194.80	325.17 o
-2	4	35	618.33	728.23	233.17 o
-1	4	35	1738.56	1502.75	390.03 o
0	4	35	557.66	52.43	236.48 o
1	4	35	1644.82	1639.02	519.06 o
2	4	35	604.25	290.66	194.14 o
3	4	35	1841.97	1756.34	387.62 o
-2	5	35	3511.69	3001.05	719.81 o
-1	5	35	53.57	452.73	369.06 o
0	5	35	4952.92	4153.37	864.75 o
1	5	35	55.09	798.43	466.51 o
2	5	35	3531.14	3701.08	837.95 o
0	0	36	8303.07	8486.50	992.31 o
0	1	36	86.33	496.43	293.83 o
1	1	36	8.72	73.52	104.02 o
-1	2	36	398.43	572.68	254.97 o
0	2	36	5259.72	5321.84	464.11 o
1	2	36	372.07	704.42	236.76 o
2	2	36	3366.11	3262.34	471.96 o
-2	3	36	843.25	1178.88	336.85 o
-1	3	36	37.83	-102.84	121.57 o
0	3	36	430.64	588.27	372.83 o
1	3	36	39.38	125.05	104.90 o
2	3	36	868.12	1259.31	333.16 o
3	3	36	164.48	211.61	193.78 o
-3	4	36	866.24	876.32	272.19 o
-2	4	36	842.84	953.29	275.69 o
-1	4	36	342.86	148.52	233.39 o
0	4	36	1279.38	1317.26	477.41 o
1	4	36	318.13	197.18	173.65 o
2	4	36	845.57	761.91	249.64 o
-1	5	36	37.92	126.87	173.40 o
0	5	36	405.85	436.41	372.36 o
1	5	36	38.78	324.68	306.02 o
0	1	37	5495.92	6085.67	512.47 o
1	1	37	410.31	579.26	252.12 o
-1	2	37	3962.18	4513.04	679.27 o
0	2	37	1317.30	1241.62	238.43 o
1	2	37	4073.71	3704.67	515.75 o
2	2	37	1493.38	1354.22	495.93 o
-2	3	37	4168.07	3565.07	539.72 o
-1	3	37	795.34	576.58	221.74 o

0	3	37	5449.00	5884.15	604.53 o
1	3	37	792.56	289.72	160.67 o
2	3	37	3991.76	4285.16	553.10 o
3	3	37	316.43	296.79	120.49 o
-3	4	37	1914.96	1512.18	361.99 o
-2	4	37	1097.99	894.94	268.96 o
-1	4	37	1910.72	1758.19	364.60 o
0	4	37	1696.33	1243.62	311.31 o
1	4	37	2033.19	1400.96	433.52 o
2	4	37	1087.24	486.20	258.89 o
3	4	37	2109.38	1777.04	478.86 o
-1	5	37	352.90	306.57	315.73 o
0	5	37	3454.90	1971.78	609.24 o
1	5	37	347.72	854.81	411.23 o
0	1	38	131.24	369.92	175.84 o
1	1	38	4595.70	5848.53	623.33 o
-1	2	38	77.12	601.41	343.05 o
0	2	38	1.48	116.31	160.81 o
1	2	38	87.12	153.28	129.94 o
2	2	38	680.35	1039.68	299.16 o
-2	3	38	207.90	307.71	250.27 o
-1	3	38	517.00	482.99	153.71 o
0	3	38	344.07	204.12	118.05 o
1	3	38	516.30	527.29	189.63 o
2	3	38	193.68	150.65	159.49 o
3	3	38	12.47	-107.28	175.43 o
-3	4	38	25.03	23.51	197.66 o
-2	4	38	806.63	591.08	287.83 o
-1	4	38	23.13	627.85	307.81 o
0	4	38	5.15	383.26	329.36 o
1	4	38	31.40	234.12	246.59 o
2	4	38	791.06	924.80	297.22 o
0	5	38	21.13	-208.46	208.46 o
0	1	39	667.76	578.66	181.12 o
1	1	39	824.72	1123.36	338.17 o
-1	2	39	362.20	421.70	243.58 o
0	2	39	1574.21	1855.19	300.82 o
1	2	39	363.34	467.94	226.69 o
2	2	39	1585.80	1915.51	410.95 o
-2	3	39	176.25	18.88	167.81 o
-1	3	39	1433.18	1314.67	547.29 o
0	3	39	197.32	278.49	208.03 o
1	3	39	1440.15	629.64	258.07 o
2	3	39	170.65	-58.57	192.77 o
3	3	39	468.97	884.40	259.09 o
-2	4	39	957.23	773.85	404.14 o
-1	4	39	50.09	-229.00	229.00 o
0	4	39	1816.39	1386.51	475.07 o
1	4	39	49.78	211.42	147.16 o
2	4	39	997.74	695.37	315.05 o
0	0	40	16599.95	21248.92	1695.11 o
0	1	40	28.73	575.17	188.69 o
1	1	40	80.17	416.28	284.96 o
-1	2	40	1002.28	873.14	417.10 o

0	2	40	9101.02	10632.26	693.33 o
1	2	40	1008.86	1043.58	294.75 o
2	2	40	5042.26	5801.88	1062.45 o
-2	3	40	538.88	620.52	464.84 o
-1	3	40	320.18	271.74	200.20 o
0	3	40	108.48	457.77	230.90 o
1	3	40	313.59	448.33	201.18 o
2	3	40	532.81	242.61	184.72 o
3	3	40	1237.64	1169.42	342.67 o
1	4	40	1288.26	649.55	298.16 o
2	4	40	795.23	496.18	354.66 o
0	1	41	9185.21	10051.99	897.06 o
1	1	41	353.94	571.68	259.87 o
-1	2	41	5979.72	6763.03	728.89 o
0	2	41	998.07	706.77	255.46 o
1	2	41	5930.55	6303.18	688.33 o
2	2	41	1165.96	1331.92	363.48 o
-2	3	41	3286.35	3422.29	546.48 o
-1	3	41	701.19	741.20	262.52 o
0	3	41	4891.97	5296.23	626.01 o
1	3	41	702.28	660.34	253.31 o
2	3	41	3393.73	2788.89	444.00 o
3	3	41	230.16	190.65	231.38 o
0	1	42	158.11	862.49	231.18 o
1	1	42	930.95	527.44	256.99 o
-1	2	42	102.11	166.10	428.33 o
0	2	42	0.56	215.87	153.28 o
1	2	42	94.94	517.95	273.52 o
2	2	42	131.45	581.43	232.12 o
-2	3	42	702.48	819.32	342.83 o
-1	3	42	158.57	276.95	170.46 o
0	3	42	1220.57	1399.54	358.67 o
1	3	42	158.22	371.74	209.17 o
2	3	42	710.60	795.03	440.36 o
0	1	43	6240.71	6592.25	578.79 o
1	1	43	37.30	204.45	235.29 o
-1	2	43	4009.09	4361.78	596.66 o
0	2	43	146.61	125.92	111.07 o
1	2	43	4090.77	4082.79	588.09 o
2	2	43	242.25	166.16	279.83 o
-2	3	43	3472.01	2616.90	681.68 o
-1	3	43	139.64	-42.57	298.89 o
0	3	43	4867.79	4725.27	815.92 o
1	3	43	139.73	57.52	190.60 o
0	0	44	124.92	744.46	418.85 o
0	1	44	16.35	141.26	162.47 o
1	1	44	1.89	119.85	205.09 o
-1	2	44	657.09	814.73	319.94 o
0	2	44	250.51	298.67	194.03 o
1	2	44	661.85	941.52	317.27 o
2	2	44	318.45	250.08	196.13 o
-1	3	44	3.52	300.62	209.27 o
0	1	45	338.53	521.22	136.96 o
1	1	45	22.95	-68.25	141.68 o

-1	2	45	135.02	47.28	255.65	o
0	2	45	137.84	223.81	246.20	o
1	2	45	128.97	300.59	319.47	o
0	1	46	29.08	138.97	159.89	o
1	1	46	812.95	1077.17	463.87	o
0	2	46	4.25	206.02	197.20	o