	α			δ		B	V	b_{rmJ}	m_{APM}	Class. Flag	X	Y
F053												
2	20	49.2	-67	-51	-44.0	19.56	18.80	19.37	9.95	2598.00	9644.0	-14561.0
2	20	46.5	-67	-51	-20.4	20.45	19.73	20.27	8.80	1670.00	9675.0	-14603.0
2	20	45.3	-67	-52	-6.8	19.72	18.74	19.47	9.75	2397.00	9682.0	-14516.0
2	20	37.7	-67	-52	-53.1	20.89	19.56	20.55	8.54	-730.00	9756.0	-14425.0
2	20	32.7	-67	-51	-55.3	20.96	19.34	20.55	8.59	783.00	9816.0	-14529.0
2	20	32.0	-67	-52	-25.7	20.44	19.53	20.21	8.93	1781.00	9820.0	-14472.0
2	20	25.8	-67	-52	-3.5	17.43	16.44	17.18	12.23	3263.00	9887.0	-14509.0
F108												
21	54	15.1	-65	-41	-16.7	20.20	19.70	20.07	9.33	1287.00	3905.0	3912.0
21	54	9.9	-65	-43	-10.4	18.95	18.12	18.74	10.80	-564.00	3960.0	4125.0
21	53	56.1	-65	-41	-46.8	20.67	19.96	20.49	9.01	-592.00	4123.0	3973.0
21	53	54.1	-65	-41	-16.9	18.83	17.83	18.58	10.99	2033.00	4147.0	3918.0
21	53	53.6	-65	-42	-4.6	18.77	17.41	18.42	11.07	2281.00	4151.0	4007.0
21	53	48.6	-65	-42	-10.3	20.93	19.59	20.59	9.20	-557.00	4208.0	4019.0
21	53	47.7	-65	-42	-1.1	20.42	19.53	20.20	9.31	104.00	4218.0	4002.0
F110												
23	6	48.9	-66	-51	-34.2	20.99	20.86	20.96	8.34	-133.00	13905.0	12375.0
23	6	52.1	-66	-52	-17.8	21.03	19.43	20.62	8.64	597.00	13863.0	12453.0
23	6	46.1	-66	-51	-49.0	20.82	19.24	20.42	8.88	1487.00	13933.0	12405.0
23	6	45.1	-66	-52	-12.2	20.22	19.58	20.06	9.13	135.00	13941.0	12449.0
23	6	33.1	-66	-50	-50.9	18.24	17.01	17.93	11.23	2781.00	14084.0	12309.0
23	6	29.1	-66	-52	-16.8	19.98	18.43	19.59	9.69	1840.00	14115.0	12472.0
F111												
23	51	22.8	-58	-39	-35.7	19.01	18.67	18.93	9.73	-142.00	7697.0	-9663.0
23	51	22.3	-58	-39	-5.5	17.55	16.83	17.37	11.83	2026.00	7706.0	-9719.0
23	51	20.6	-58	-37	-56.4	19.92	18.58	19.58	9.33	-390.00	7734.0	-9847.0
23	51	4.3	-58	-39	-20.3	18.43	17.27	18.14	10.98	2337.00	7967.0	-9684.0
F113												
0	53	33.8	-61	-23	-17.6	19.78	19.32	19.67	9.72	1925.00	17854.0	9528.0
0	53	22.2	-61	-24	-33.4	19.50	17.88	19.09	10.45	2417.00	17997.0	9682.0
0	53	11.0	-61	-23	-44.5	20.21	19.21	19.96	9.24	119.00	18153.0	9604.0
0	53	9.1	-61	-23	-26.1	19.91	18.90	19.66	9.65	1597.00	18181.0	9572.0
F145												
21	41	17.3	-62	-37	-1.6	19.48	18.20	19.16	10.02	1781.00	-6957.0	16789.0
21	41	13.7	-62	-37	-32.5	19.62	19.07	19.48	9.90	2436.00	-6909.0	16845.0
21	41	8.9	-62	-36	-6.6	20.85	19.64	20.54	8.81	-662.00	-6853.0	16683.0
21	41	6.1	-62	-37	-39.2	17.73	16.64	17.45	12.04	-5000.00	-6810.0	16854.0
21	41	5.8	-62	-36	-55.7	20.77	19.47	20.44	9.08	1656.00	-6809.0	16773.0
21	40	60.0	-62	-37	-3.5	20.11	19.29	19.90	9.54	2398.00	-6734.0	16785.0
21	40	57.4	-62	-36	-53.9	20.73	19.54	20.43	8.93	1116.00	-6701.0	16766.0
21	40	55.3	-62	-37	-34.1	20.62	19.34	20.30	9.24	1491.00	-6672.0	16840.0
F147												
23	11	15.2	-61	-53	-9.3	19.90	19.12	19.70	9.66	1247.00	-18418.0	12962.0
23	11	12.2	-61	-53	-4.7	19.48	18.77	19.30	9.78	1369.00	-18380.0	12950.0
23	11	5.6	-61	-53	-26.7	18.26	17.04	17.95	11.02	2127.00	-18289.0	12983.0
23	11	5.0	-61	-51	-55.9	20.61	19.80	20.40	9.05	1302.00	-18297.0	12814.0
23	11	2.9	-61	-52	-11.2	19.81	18.67	19.52	9.55	629.00	-18267.0	12840.0
23	11	1.1	-61	-53	-14.4	16.21	15.24	15.97	12.96	2917.00	-18233.0	12955.0
23	10	56.7	-61	-51	-58.4	19.96	19.55	19.86	9.18	62.00	-18187.0	12809.0
23	10	53.8	-61	-52	-49.8	17.17	16.39	16.98	12.11	2324.00	-18141.0	12901.0
23	10	53.0	-61	-52	-13.1	18.92	17.50	18.56	10.98	3043.00	-18136.0	12832.0

F152												
1	33	4.9	-52	-51	-41.1	19.86	18.68	19.56	9.94	1904.00	5783.0	-14831.0
1	33	0.5	-52	-52	-16.3	17.86	16.93	17.62	12.13	2230.00	5856.0	-14764.0
1	32	54.7	-52	-52	-2.8	21.11	20.66	21.00	9.13	1983.00	5953.0	-14787.0
1	32	49.4	-52	-52	-50.7	20.77	18.75	20.26	9.69	1604.00	6041.0	-14696.0
1	32	48.7	-52	-53	-17.5	20.39	19.34	20.13	9.34	-334.00	6052.0	-14646.0
F193												
23	50	14.5	-47	-56	-56.6	18.54	18.06	18.42	10.72	2480.00	10812.0	-14240.0
23	50	12.0	-47	-57	-29.2	20.82	19.87	20.58	8.45	-357.00	10857.0	-14178.0
23	50	11.0	-47	-56	-39.9	20.69	20.03	20.52	8.50	388.00	10879.0	-14269.0
23	50	6.3	-47	-57	-31.1	16.85	16.02	16.64	12.36	2801.00	10964.0	-14171.0
23	50	5.6	-47	-58	-2.5	20.05	18.91	19.77	9.29	1739.00	10975.0	-14112.0
23	50	3.8	-47	-57	-11.4	21.05	19.49	20.65	8.63	1016.00	11011.0	-14206.0
23	50	2.0	-47	-56	-31.7	21.00	20.11	20.77	8.37	1071.00	11046.0	-14279.0
23	50	0.3	-47	-56	-50.4	20.83	19.48	20.48	8.99	1965.00	11078.0	-14243.0
F195												
0	59	21.4	-50	-1	-47.7	17.82	16.78	17.56	12.34	2943.00	1007.0	-530.0
0	59	20.5	-50	0	-17.9	20.00	19.59	19.90	9.89	1858.00	1023.0	-697.0
0	59	19.6	-50	0	-39.4	20.37	19.34	20.11	9.25	-602.00	1039.0	-657.0
0	59	14.6	-50	-1	-58.2	20.66	19.52	20.37	9.53	1975.00	1128.0	-510.0
0	59	13.4	-50	0	-31.1	20.41	19.28	20.13	9.79	2042.00	1151.0	-672.0
0	59	9.1	-50	0	-19.7	17.70	16.59	17.42	11.90	2488.00	1228.0	-693.0
F199												
2	52	45.2	-52	-9	-7.4	17.96	16.72	17.65	11.59	1934.00	7613.0	13848.0
2	52	39.8	-52	-8	-23.1	17.74	16.29	17.37	12.44	2984.00	7708.0	13768.0
2	52	35.4	-52	-8	-35.0	19.36	18.11	19.05	10.48	1800.00	7783.0	13792.0
2	52	30.9	-52	-8	-3.8	19.84	18.85	19.59	10.01	1254.00	7861.0	13736.0
F235												
20	59	46.1	-50	-1	-27.1	20.43	19.99	20.32	9.12	1594.00	148.0	-698.0
20	59	44.2	-50	-2	-49.8	19.80	18.76	19.54	9.88	1429.00	182.0	-544.0
20	59	40.9	-50	-3	0.0	17.68	16.23	17.31	11.64	2456.00	242.0	-525.0
20	59	37.2	-50	-2	-24.1	17.83	16.74	17.55	11.54	2531.00	307.0	-592.0
20	59	36.3	-50	-1	-49.7	21.05	19.39	20.63	9.19	2107.00	323.0	-656.0
20	59	35.6	-50	-1	-52.4	20.90	20.03	20.68	8.55	303.00	336.0	-651.0
20	59	30.2	-50	-1	-24.5	19.61	18.54	19.34	10.20	2301.00	433.0	-703.0
F237												
22	8	6.0	-52	0	-32.3	20.82	19.97	20.61	8.84	741.00	-8407.0	13036.0
22	8	4.3	-52	0	-35.9	19.84	19.01	19.63	9.77	1802.00	-8378.0	13042.0
22	8	2.7	-52	-1	-7.0	20.55	19.56	20.30	8.88	-466.00	-8348.0	13099.0
22	8	1.9	-52	-1	-58.2	20.11	19.60	19.98	9.18	259.00	-8332.0	13194.0
22	7	58.1	-52	-1	-49.5	20.64	20.13	20.51	8.73	-325.00	-8267.0	13176.0
22	7	55.3	-52	0	-35.0	20.53	19.76	20.34	8.82	-170.00	-8223.0	13036.0
22	7	53.0	-52	0	-44.2	20.20	19.43	20.01	9.59	2244.00	-8182.0	13052.0
22	7	53.1	-52	-1	-21.2	17.00	16.08	16.76	12.22	2035.00	-8182.0	13121.0
22	7	46.4	-52	0	-15.2	20.24	19.63	20.09	8.94	-227.00	-8071.0	12995.0
22	7	45.6	-52	0	-50.3	20.31	19.70	20.16	9.13	-345.00	-8055.0	13060.0
F244												
1	20	58.6	-44	-45	-30.8	18.86	17.56	18.53	10.87	2481.00	3797.0	-2238.0
1	20	57.9	-44	-43	-58.3	20.61	19.37	20.30	9.45	1588.00	3814.0	-2410.0
1	20	57.6	-44	-44	-17.0	17.18	16.29	16.95	12.24	2568.00	3819.0	-2375.0
1	20	56.2	-44	-43	-46.8	20.10	19.63	19.98	9.45	880.00	3848.0	-2431.0
1	20	54.3	-44	-44	-20.4	19.90	19.17	19.72	9.73	1593.00	3884.0	-2368.0
1	20	52.2	-44	-44	-15.8	21.40	19.64	20.96	9.06	1328.00	3926.0	-2376.0

1	20	51.9	-44	-45	-14.4	17.21	16.61	17.06	12.04	1334.00	3930.0	-2267.0
1	20	51.1	-44	-44	-28.6	20.17	19.31	19.95	9.81	2005.00	3947.0	-2352.0
1	20	49.0	-44	-44	-21.9	21.36	20.07	21.04	8.80	1173.00	3989.0	-2364.0

F249												
3	33	56.8	-45	-19	-4.9	17.30	16.24	17.03	11.93	2453.00	11905.0	1547.0
3	33	52.9	-45	-19	-33.2	17.65	16.54	17.37	11.40	1771.00	11981.0	1602.0
3	33	49.1	-45	-19	-0.7	19.66	18.69	19.41	10.21	2627.00	12058.0	1544.0
3	33	49.2	-45	-19	-42.7	16.29	15.24	16.03	13.05	2316.00	12052.0	1622.0
3	33	46.6	-45	-19	-20.3	17.40	16.26	17.11	12.08	3035.00	12105.0	1582.0
3	33	40.7	-45	-19	-58.1	20.87	20.58	20.79	8.93	2000.00	12218.0	1656.0
3	33	40.1	-45	-20	-14.0	20.17	19.12	19.90	9.41	63.00	12230.0	1686.0
F287												
21	37	29.0	-47	-17	-15.3	20.27	19.67	20.12	9.37	1582.00	-10871.0	14745.0
21	37	27.0	-47	-18	-28.5	20.65	19.49	20.35	9.56	2372.00	-10828.0	14880.0
21	37	26.2	-47	-17	-32.9	19.75	18.97	19.55	9.65	-221.00	-10816.0	14776.0
21	37	23.6	-47	-17	-57.3	16.85	15.98	16.63	12.84	2871.00	-10766.0	14820.0
21	37	22.9	-47	-18	-23.8	20.57	20.08	20.44	9.16	-614.00	-10751.0	14869.0
21	37	19.9	-47	-16	-45.3	19.72	19.30	19.61	9.59	199.00	-10699.0	14684.0
21	37	19.2	-47	-17	-23.1	18.25	17.49	18.06	11.15	2294.00	-10685.0	14754.0
21	37	19.4	-47	-16	-50.9	20.58	20.33	20.52	8.77	358.00	-10689.0	14694.0
21	37	17.7	-47	-17	-50.5	18.15	17.21	17.91	11.07	1977.00	-10654.0	14804.0
21	37	17.4	-47	-18	-13.7	19.13	18.62	19.00	10.15	1366.00	-10647.0	14847.0
21	37	15.1	-47	-17	-30.8	17.83	16.70	17.54	11.54	2589.00	-10607.0	14766.0
21	37	12.1	-47	-17	-52.1	20.96	19.46	20.58	8.91	664.00	-10549.0	14804.0
F302												
3	42	56.8	-41	-21	-53.3	20.20	18.97	19.89	9.38	-692.00	13887.0	8703.0
3	42	54.7	-41	-22	-2.8	20.78	19.98	20.58	8.96	-281.00	13930.0	8722.0
3	42	54.2	-41	-21	-46.4	18.72	17.66	18.45	11.07	2535.00	13943.0	8692.0
3	42	52.2	-41	-22	-8.9	19.69	19.17	19.56	10.03	1909.00	13982.0	8735.0
3	42	52.2	-41	-23	-40.7	17.26	16.23	17.00	12.07	1772.00	13978.0	8906.0
3	42	50.0	-41	-22	-38.1	18.12	17.55	17.98	11.04	2299.00	14028.0	8791.0
F304												
4	43	28.1	-38	-3	-58.9	18.51	17.69	18.30	11.16	1823.00	3287.0	-13620.0
4	43	27.7	-38	-3	-26.6	20.07	18.68	19.72	10.19	1752.00	3296.0	-13680.0
4	43	27.0	-38	-3	-37.3	18.74	18.16	18.60	10.99	2200.00	3311.0	-13660.0
4	43	19.5	-38	-3	-21.1	19.74	19.50	19.68	9.99	-5000.00	3476.0	-13689.0
F342												
21	0	54.6	-41	-26	-59.0	21.22	20.09	20.94	8.84	540.00	16375.0	9458.0
21	0	53.6	-41	-27	-13.6	20.93	19.41	20.54	9.23	218.00	16394.0	9486.0
21	0	52.1	-41	-28	-6.1	21.06	19.85	20.76	9.27	1506.00	16423.0	9585.0
21	0	50.5	-41	-26	-58.8	19.57	18.07	19.19	10.64	2333.00	16460.0	9461.0
21	0	49.1	-41	-28	-19.4	20.31	18.89	19.95	9.94	1508.00	16483.0	9612.0
21	0	48.4	-41	-27	-47.4	19.94	19.35	19.79	10.13	2357.00	16500.0	9553.0
21	0	44.8	-41	-27	-10.8	21.05	20.44	20.89	9.49	2246.00	16579.0	9488.0
21	0	40.9	-41	-28	-13.1	21.23	20.39	21.02	8.73	-568.00	16656.0	9607.0
F344A												
22	6	29.0	-39	-14	-40.3	17.57	16.46	17.29	0.00	-9999.00	-514.0	-5576.0
22	6	26.3	-39	-13	-40.8	20.84	20.74	20.81	0.00	-9999.00	-457.0	-5687.0
22	6	23.4	-39	-14	-13.7	19.75	18.96	19.55	0.00	-9999.00	-394.0	-5626.0
22	6	21.3	-39	-14	-8.4	20.68	19.98	20.50	0.00	-9999.00	-349.0	-5636.0
22	6	20.8	-39	-14	-45.0	20.46	19.20	20.14	0.00	-9999.00	-337.0	-5568.0
22	6	18.9	-39	-14	-1.5	18.88	18.04	18.67	0.00	-9999.00	-296.0	-5649.0
22	6	17.1	-39	-13	-36.9	19.64	18.64	19.39	0.00	-9999.00	-257.0	-5695.0
22	6	16.8	-39	-13	-50.4	20.89	20.35	20.76	0.00	-9999.00	-252.0	-5670.0
F344B												
22	16	45.3	-40	0	-46.1	20.50	19.01	20.13	0.00	-9999.00	-13671.0	-182.0

22	16	43.5	-39	-59	-17.5	21.03	19.96	20.76	0.00	-9999.00	-13638.0	-348.0
22	16	43.4	-40	0	-29.1	21.52	20.45	21.25	0.00	-9999.00	-13631.0	-215.0
22	16	41.9	-39	-59	-11.7	21.50	21.23	21.43	0.00	-9999.00	-13604.0	-360.0
22	16	41.4	-39	-59	-1.7	19.21	18.61	19.06	0.00	-9999.00	-13594.0	-379.0
22	16	39.3	-40	0	-47.8	17.94	17.18	17.75	0.00	-9999.00	-13543.0	-183.0
22	16	37.8	-40	0	-9.7	17.82	17.17	17.66	0.00	-9999.00	-13514.0	-255.0
22	16	37.0	-39	-59	-28.6	20.89	20.19	20.71	0.00	-9999.00	-13498.0	-332.0
22	16	35.3	-40	0	-14.4	16.03	15.03	15.78	0.00	-9999.00	-13460.0	-248.0
F347												
23	23	48.4	-39	-29	-41.5	21.54	21.01	21.41	8.64	1401.00	256.0	-4015.0
23	23	44.5	-39	-30	-55.9	21.37	20.39	21.13	8.65	972.00	339.0	-3876.0
23	23	42.9	-39	-30	-10.2	15.43	14.52	15.20	13.57	-5000.00	375.0	-3961.0
23	23	41.3	-39	-30	-40.7	21.50	20.53	21.26	8.15	-171.00	409.0	-3904.0
23	23	37.4	-39	-30	-46.3	21.21	20.86	21.12	8.44	1173.00	494.0	-3893.0
23	23	35.5	-39	-31	-16.8	16.56	15.69	16.34	12.65	-5000.00	533.0	-3836.0
23	23	34.5	-39	-30	-58.0	21.58	21.00	21.44	8.45	679.00	555.0	-3871.0

F349

23	53	21.4	-34	-42	-16.5	19.51	18.75	19.32	9.71	1356.00	9017.0	-2333.0
23	53	20.9	-34	-43	-28.4	20.07	18.63	19.70	9.51	1522.00	9025.0	-2199.0
23	53	17.8	-34	-43	-19.7	20.07	18.71	19.73	9.58	1618.00	9098.0	-2214.0
23	53	16.9	-34	-42	-22.6	20.57	20.31	20.50	8.32	601.00	9120.0	-2320.0
23	53	13.6	-34	-43	-16.3	16.51	15.53	16.26	12.81	2063.00	9195.0	-2219.0
23	53	9.0	-34	-42	-28.7	19.63	18.57	19.37	10.02	2378.00	9301.0	-2306.0

F355

2	26	34.2	-36	-26	-23.5	21.09	20.47	20.93	8.68	-54.00	-3340.0	8882.0
2	26	31.8	-36	-26	-22.6	20.99	19.44	20.60	9.07	-371.00	-3286.0	8880.0
2	26	29.9	-36	-27	-33.6	16.64	15.74	16.41	12.68	2413.00	-3243.0	9012.0
2	26	27.7	-36	-26	-12.7	21.23	21.01	21.18	8.73	890.00	-3195.0	8861.0

F401

20	57	56.8	-36	-18	-46.9	20.28	19.44	20.07	8.89	-421.00	-13325.0	8449.0
20	57	55.1	-36	-18	-56.6	19.35	18.08	19.03	9.80	-54.00	-13285.0	8466.0
20	57	53.1	-36	-18	-22.8	17.67	16.43	17.36	11.39	2686.00	-13243.0	8402.0
20	57	50.3	-36	-18	-31.1	20.50	19.39	20.22	8.73	-124.00	-13180.0	8416.0
20	57	49.6	-36	-17	-54.8	20.85	19.80	20.58	8.47	-485.00	-13165.0	8348.0
20	57	48.9	-36	-18	-5.8	20.10	19.49	19.94	9.07	505.00	-13149.0	8368.0
20	57	47.7	-36	-19	-15.5	19.85	19.26	19.70	9.14	-287.00	-13118.0	8497.0
20	57	44.7	-36	-18	-20.5	20.22	18.85	19.87	9.21	1423.00	-13054.0	8393.0

F403

21	38	33.0	-34	-14	-14.6	18.53	17.47	18.26	11.15	2141.00	-3461.0	-5815.0
21	38	32.0	-34	-15	-54.5	19.56	19.08	19.44	9.68	-538.00	-3439.0	-5629.0
21	38	29.3	-34	-14	-40.6	19.86	19.21	19.70	9.44	-496.00	-3376.0	-5767.0
21	38	28.8	-34	-15	-1.6	19.01	18.19	18.80	10.49	2110.00	-3365.0	-5728.0
21	38	28.7	-34	-15	-54.2	18.69	17.63	18.42	10.64	1633.00	-3362.0	-5630.0
21	38	27.1	-34	-15	-40.9	17.24	16.15	16.97	12.40	2804.00	-3324.0	-5655.0
21	38	24.6	-34	-16	-4.8	21.09	19.98	20.81	9.14	1588.00	-3266.0	-5611.0
21	38	24.2	-34	-15	-42.8	20.80	19.89	20.57	8.80	350.00	-3258.0	-5652.0
21	38	19.1	-34	-14	-26.8	20.48	19.67	20.27	9.33	323.00	-3140.0	-5794.0

F405

22	11	18.2	-36	-56	-15.8	21.10	19.72	20.75	8.79	1361.00	17035.0	12662.0
22	11	16.3	-36	-54	-43.6	19.80	18.06	19.36	10.27	-5000.00	17085.0	12492.0
22	11	14.9	-36	-55	-48.5	20.47	19.86	20.32	9.06	1800.00	17112.0	12614.0
22	11	14.5	-36	-55	-31.2	19.56	17.95	19.16	10.29	2129.00	17122.0	12582.0
22	11	12.5	-36	-56	-34.8	19.79	18.99	19.59	10.05	2347.00	17162.0	12702.0
22	11	11.6	-36	-54	-56.7	16.87	16.21	16.70	12.31	1945.00	17188.0	12520.0
22	11	10.4	-36	-55	-0.5	18.82	18.02	18.62	10.52	1484.00	17214.0	12528.0

F407

23	12	28.4	-33	-35	-36.0	20.53	20.08	20.42	9.04	1498.00	-801.0	-9984.0
23	12	27.4	-33	-36	-15.8	18.11	16.65	17.74	12.13	3280.00	-778.0	-9910.0
23	12	26.3	-33	-35	-10.3	20.38	19.35	20.12	9.65	2023.00	-754.0	-10032.0
23	12	21.1	-33	-35	-38.3	21.09	19.51	20.69	8.94	1154.00	-632.0	-9980.0
23	12	19.4	-33	-34	-52.1	20.93	20.39	20.79	8.54	-472.00	-593.0	-10066.0

F407

23	12	28.4	-33	-35	-36.0	20.31	19.94	20.22	9.04	1498.00	-801.0	-9984.0
23	12	27.4	-33	-36	-15.8	17.75	16.34	17.39	12.13	3280.00	-778.0	-9910.0
23	12	26.3	-33	-35	-10.3	20.06	18.97	19.78	9.65	2023.00	-754.0	-10032.0
23	12	21.1	-33	-35	-38.3	20.97	19.46	20.59	8.94	1154.00	-632.0	-9980.0
23	12	21.0	-33	-36	-37.4	19.73	19.57	19.69	9.61	1491.00	-629.0	-9870.0
23	12	19.4	-33	-34	-52.1	20.78	20.42	20.69	8.54	-472.00	-593.0	-10066.0

F412

1	20	13.4	-30	-15	-21.8	19.89	19.15	19.71	9.71	1842.00	-16082.0	1167.0
1	20	11.5	-30	-15	-29.9	19.25	17.97	18.92	10.45	2182.00	-16035.0	1181.0
1	20	8.6	-30	-15	-5.0	19.79	19.02	19.60	9.80	1496.00	-15966.0	1133.0
1	20	8.2	-30	-14	-37.7	20.34	19.35	20.09	9.34	1338.00	-15958.0	1082.0
F418												
3	32	35.0	-29	-7	-54.1	19.39	18.32	19.12	10.12	2313.00	-8049.0	-6637.0
3	32	33.1	-29	-8	-13.1	18.28	17.60	18.11	11.00	2422.00	-8003.0	-6602.0
3	32	30.9	-29	-7	-55.2	20.26	19.05	19.95	9.58	2074.00	-7950.0	-6636.0
3	32	30.8	-29	-8	-39.3	19.69	19.07	19.53	9.46	819.00	-7945.0	-6554.0
3	32	30.3	-29	-7	-40.2	19.32	18.14	19.02	10.14	1777.00	-7936.0	-6664.0
3	32	27.8	-29	-7	-51.4	16.93	15.89	16.67	11.97	2293.00	-7874.0	-6644.0
3	32	26.0	-29	-8	-35.2	21.26	20.24	21.00	8.82	1467.00	-7828.0	-6563.0
3	32	26.1	-29	-9	-11.6	20.16	19.64	20.03	9.18	1786.00	-7832.0	-6495.0

F467												
22	17	34.1	-29	-18	-47.2	17.97	16.74	17.66	12.53	3330.00	-5099.0	-5276.0
22	17	32.2	-29	-19	-47.0	21.00	20.18	20.79	8.45	-416.00	-5053.0	-5165.0
22	17	30.3	-29	-19	-21.9	20.00	18.64	19.66	9.73	1617.00	-5007.0	-5212.0
F467												
22	17	34.1	-29	-18	-47.2	17.90	17.09	17.70	12.53	3330.00	-5099.0	-5276.0
22	17	32.2	-29	-19	-47.0	20.83	20.55	20.76	8.45	-416.00	-5053.0	-5165.0
22	17	30.3	-29	-19	-21.9	20.05	18.73	19.72	9.73	1617.00	-5007.0	-5212.0
22	17	25.7	-29	-18	-23.2	20.50	19.87	20.34	9.43	1692.00	-4896.0	-5322.0
F469												
22	49	5.6	-29	-43	-3.3	21.05	19.57	20.68	8.65	417.00	15921.0	-2453.0
22	49	4.9	-29	-43	-9.0	20.92	20.19	20.74	8.58	1015.00	15938.0	-2442.0
22	49	2.4	-29	-42	-51.6	19.37	18.65	19.19	10.34	2097.00	15998.0	-2473.0
22	48	57.3	-29	-43	-12.0	19.45	18.20	19.13	10.12	1724.00	16122.0	-2432.0
22	48	55.4	-29	-42	-25.2	20.41	19.46	20.17	9.41	1570.00	16171.0	-2518.0
F471												
23	46	22.1	-30	-25	-15.3	19.98	19.17	19.78	9.35	101.00	-342.0	2222.0
23	46	21.8	-30	-26	-40.2	17.54	17.02	17.41	11.86	2484.00	-335.0	2380.0
23	46	20.3	-30	-26	-56.4	17.47	16.58	17.25	11.63	-5000.00	-301.0	2410.0
23	46	17.6	-30	-25	-35.7	19.56	18.54	19.30	10.27	2789.00	-236.0	2260.0
23	46	16.7	-30	-25	-47.0	20.80	19.87	20.57	9.03	1674.00	-213.0	2281.0
F477												
2	0	53.1	-27	-3	-38.8	19.73	18.98	19.54	10.18	1862.00	-16172.0	13414.0
2	0	52.0	-27	-3	-8.5	20.36	19.70	20.19	9.19	-249.00	-16147.0	13358.0
2	0	51.0	-27	-3	-57.1	19.99	18.75	19.68	10.20	2168.00	-16120.0	13448.0
2	0	49.6	-27	-4	-9.8	18.27	16.59	17.85	12.04	2165.00	-16084.0	13471.0
2	0	46.9	-27	-4	-32.5	20.64	20.21	20.53	9.00	134.00	-16017.0	13511.0
2	0	46.1	-27	-3	-8.4	20.73	19.54	20.43	9.55	1337.00	-15999.0	13355.0
2	0	44.2	-27	-3	-32.6	18.73	17.85	18.51	11.12	2541.00	-15952.0	13399.0
2	0	44.2	-27	-3	-48.7	21.05	20.30	20.86	8.81	-45.00	-15949.0	13429.0
F477												
2	0	53.1	-27	-3	-38.8	19.73	18.98	19.54	0.00	-5000.00	-16086.0	13380.0
2	0	52.0	-27	-3	-8.5	20.36	19.70	20.19	0.00	-5000.00	-16061.0	13323.0
2	0	51.0	-27	-3	-57.1	19.99	18.75	19.68	0.00	-5000.00	-16034.0	13413.0
2	0	49.6	-27	-4	-9.8	18.27	16.59	17.85	0.00	-5000.00	-15998.0	13436.0
2	0	46.9	-27	-4	-32.5	20.64	20.21	20.53	0.00	-5000.00	-15931.0	13477.0
2	0	46.1	-27	-3	-8.4	20.73	19.54	20.43	0.00	-5000.00	-15913.0	13320.0
2	0	44.2	-27	-3	-32.6	18.73	17.85	18.51	0.00	-5000.00	-15866.0	13364.0
2	0	44.2	-27	-3	-48.7	21.05	20.30	20.86	0.00	-5000.00	-15864.0	13394.0
F530A												
21	12	54.8	-23	-12	-20.8	19.47	18.92	19.33	10.48	2820.00	4670.0	-12647.0
21	12	50.4	-23	-11	-45.1	20.42	19.55	20.20	9.15	1774.00	4783.0	-12713.0
21	12	47.7	-23	-11	-3.5	20.66	19.61	20.39	9.26	1763.00	4853.0	-12790.0
21	12	42.4	-23	-12	-55.9	18.49	16.68	18.03	11.55	-5000.00	4988.0	-12580.0
F530A												
21	12	53.1	-23	-13	-13.4	19.45	18.88	19.31	9.55	-665.00	4711.0	-12549.0
21	12	43.7	-23	-11	-30.1	20.18	20.15	20.17	9.17	-853.00	4954.0	-12740.0
21	12	43.6	-23	-12	-29.7	20.54	18.86	20.11	9.86	869.00	4956.0	-12629.0
21	12	42.4	-23	-12	-55.9	17.61	16.74	17.39	11.55	-5000.00	4988.0	-12580.0
21	12	41.9	-23	-12	-28.0	20.00	18.78	19.70	9.58	475.00	5000.0	-12632.0
F530B												
21	19	18.1	-27	-25	-26.4	19.66	18.91	19.47	9.48	415.00	-4984.0	15629.0
21	19	15.4	-27	-24	-7.7	20.32	19.91	20.21	8.88	-812.00	-4917.0	15482.0

	21	19	10.8	-27	-25	-28.2	20.29	19.57	20.10	9.11	-311.00	-4802.0	15631.0
	21	19	10.1	-27	-24	-55.4	17.66	16.69	17.41	12.56	3168.00	-4786.0	15570.0
	21	19	9.7	-27	-25	-35.7	20.73	20.01	20.54	9.08	1687.00	-4776.0	15645.0
F533													
	22	16	4.1	-26	-49	-2.7	19.85	18.83	19.59	9.65	1592.00	9051.0	11624.0
	22	16	4.1	-26	-50	-4.5	17.69	16.34	17.35	11.98	2889.00	9048.0	11739.0
	22	15	55.8	-26	-50	-29.7	19.76	18.83	19.53	9.28	-429.00	9256.0	11788.0
	22	15	54.5	-26	-49	-28.3	16.33	15.20	16.04	13.43	-5000.00	9289.0	11674.0
	22	15	51.2	-26	-49	-17.6	20.00	18.84	19.71	9.59	2000.00	9371.0	11655.0
	22	15	50.4	-26	-48	-56.6	20.08	18.96	19.80	9.19	-717.00	9391.0	11616.0

F535												
23	16	4.5	-26	-21	-24.0	19.15	18.19	18.91	10.56	2280.00	-15100.0	8937.0
23	16	1.6	-26	-20	-38.5	20.31	19.25	20.04	9.34	1403.00	-15030.0	8855.0
23	15	57.8	-26	-22	-13.2	20.09	19.47	19.94	9.13	71.00	-14931.0	9029.0
23	15	57.5	-26	-21	-25.0	20.69	20.13	20.55	8.86	177.00	-14924.0	8940.0
23	15	55.1	-26	-20	-45.7	20.64	20.19	20.52	8.96	1261.00	-14866.0	8865.0
23	15	54.3	-26	-20	-17.4	20.03	19.33	19.85	9.32	99.00	-14848.0	8812.0
F550												
4	5	41.5	-17	-29	-27.1	20.13	19.22	19.90	9.80	1409.00	10104.0	-17430.0
4	5	39.3	-17	-29	-18.8	20.39	18.89	20.01	9.68	1574.00	10162.0	-17445.0
4	5	34.3	-17	-29	-32.7	19.99	18.53	19.63	10.11	1452.00	10296.0	-17418.0
4	5	34.2	-17	-28	-0.3	18.85	17.88	18.60	10.90	2327.00	10300.0	-17590.0
4	5	33.0	-17	-27	-49.9	20.14	19.54	19.99	9.54	-239.00	10333.0	-17609.0
F599A												
21	26	25.0	-18	-16	-42.4	21.01	19.89	20.73	8.94	1156.00	-8499.0	-11932.0
21	26	21.8	-18	-16	-26.7	19.93	18.72	19.62	9.68	1892.00	-8414.0	-11962.0
21	26	20.0	-18	-15	-23.0	20.89	20.37	20.76	8.63	-475.00	-8368.0	-12082.0
21	26	19.0	-18	-16	-32.4	17.00	16.50	16.87	12.37	2464.00	-8339.0	-11952.0
21	26	17.2	-18	-15	-50.3	19.32	18.49	19.11	10.65	-5000.00	-8292.0	-12031.0
21	26	16.6	-18	-16	-12.4	19.17	18.16	18.92	10.86	2838.00	-8276.0	-11990.0
21	26	13.8	-18	-15	-12.1	21.37	20.73	21.21	8.25	-649.00	-8203.0	-12103.0
F599B												
21	16	30.5	-19	-7	-40.8	19.62	18.82	19.42	0.00	-5000.00	7323.0	-6366.0
21	16	28.2	-19	-6	-26.6	19.35	18.28	19.08	0.00	-5000.00	7383.0	-6504.0
21	16	27.6	-19	-6	-43.7	19.14	18.62	19.01	0.00	-5000.00	7399.0	-6472.0
21	16	27.6	-19	-7	-19.7	19.88	19.79	19.86	0.00	-5000.00	7400.0	-6405.0
21	16	26.7	-19	-6	-30.8	20.85	20.28	20.70	0.00	-5000.00	7423.0	-6496.0
21	16	25.6	-19	-7	-11.0	19.83	19.36	19.71	0.00	-5000.00	7452.0	-6421.0
21	16	25.5	-19	-6	-47.9	19.56	18.91	19.39	0.00	-5000.00	7454.0	-6464.0
21	16	24.4	-19	-7	-27.6	19.14	18.79	19.06	0.00	-5000.00	7485.0	-6390.0
21	16	23.8	-19	-7	-48.5	19.29	18.31	19.04	0.00	-5000.00	7499.0	-6351.0
21	16	23.0	-19	-6	-20.9	20.20	19.13	19.93	0.00	-5000.00	7521.0	-6514.0
F603												
22	45	19.0	-17	-46	-23.1	17.87	16.80	17.60	11.37	-5000.00	-312.0	-15686.0
22	45	15.1	-17	-46	-10.2	18.00	17.15	17.78	11.40	2544.00	-208.0	-15710.0
22	45	13.8	-17	-45	-56.3	20.44	19.02	20.08	9.76	2078.00	-173.0	-15736.0
22	45	12.7	-17	-46	-21.5	20.50	19.63	20.28	9.18	1161.00	-144.0	-15689.0
F605												
23	24	3.8	-22	-21	-7.9	19.81	19.28	19.67	9.34	1647.00	4532.0	15134.0
23	23	54.8	-22	-21	-43.8	19.34	18.09	19.02	10.50	2775.00	4763.0	15202.0
23	23	54.3	-22	-22	-53.1	17.56	16.50	17.29	11.53	2637.00	4775.0	15331.0
23	23	51.4	-22	-22	-30.9	16.90	15.70	16.60	12.48	2897.00	4851.0	15290.0