

Observed and calculated structure factors for biotite 2M1 crystals: C6C

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
1	1	1	15.0	16.3	1	5	0	48.2	46.9	-1	9	1	28.3	27.5
1	1	0	63.8	-64.0	-1	5	1	12.5	12.3	-1	9	2	11.1	-10.6
-1	1	1	31.2	31.7	-1	5	2	17.2	16.1	-1	9	3	51.0	-50.6
-1	1	2	5.1	6.3	-1	5	3	28.5	28.4	-1	9	5	95.0	-92.9
-1	1	3	37.3	37.6	-1	5	4	109.5	-107.7	-1	9	6	12.9	13.6
-1	1	4	130.1	130.4	-1	5	5	66.0	-66.0	-1	9	7	84.7	-82.7
-1	1	5	92.0	-91.4	-1	5	6	81.8	79.8	-1	9	8	18.6	18.5
-1	1	6	125.1	-125.7	-1	5	7	13.8	12.1	-1	9	9	9.4	-8.3
-1	1	7	35.8	36.1	-1	5	8	10.8	10.8	-1	9	10	5.8	7.3
-1	1	8	22.9	20.5	-1	5	9	16.6	16.4	-1	9	11	110.4	-110.8
-1	1	10	20.4	20.5	-1	5	10	33.7	-32.9	-1	9	13	138.3	-139.7
-1	1	11	6.6	-6.4	-1	5	11	7.7	-7.4	-1	9	15	67.6	-67.7
-1	1	13	34.2	-35.5	-1	5	12	24.8	-23.7	-1	9	16	6.7	-7.2
-1	1	14	60.2	-62.5	-1	5	13	25.2	-25.4	-1	9	18	9.2	-12.3
-1	1	15	26.2	26.1	-1	5	14	63.3	62.2	-1	9	19	82.1	-83.6
-1	1	16	17.5	17.4	-1	5	15	26.8	26.8	-1	9	21	47.4	-49.1
-1	1	18	7.8	8.4	-1	5	16	20.6	-20.2	-1	9	23	13.2	15.0
-1	1	21	16.9	-16.9	-1	5	19	4.7	-4.3	1	11	0	24.4	-24.9
-1	1	22	30.0	-30.2	-1	5	20	6.8	-6.3	-1	11	1	11.6	-12.3
-1	1	23	17.4	16.9	-1	5	22	21.0	21.0	-1	11	2	19.2	18.8
-1	1	24	16.4	15.5	-1	5	23	8.1	8.6	-1	11	4	24.2	24.2
-1	1	26	16.3	15.5	-1	5	24	16.1	-16.5	-1	11	5	21.4	22.0
-1	1	27	12.1	-12.1	-1	5	26	10.2	-9.7	-1	11	6	31.7	-33.1
-1	1	28	5.0	-4.7	-1	5	27	7.3	-8.0	-1	11	7	6.6	-6.9
-1	1	29	6.4	-6.3	1	7	0	37.4	37.7	-1	11	8	9.9	10.5
-1	1	30	22.2	-21.2	-1	7	1	32.9	-31.7	-1	11	12	7.9	7.8
-1	1	12	20.7	22.5	-1	7	2	31.5	-29.9	-1	11	14	13.6	-13.5
-1	1	20	18.0	16.6	-1	7	3	7.5	-4.8	-1	11	15	5.9	-5.7
1	3	1	285.5	-284.6	-1	7	4	42.1	-41.8	-1	11	17	6.7	-5.9
1	3	0	12.0	12.8	-1	7	5	41.4	40.3	-1	11	18	6.2	5.3
-1	3	1	35.9	-41.9	-1	7	6	62.1	59.7	1	13	0	19.0	-19.2
-1	3	2	7.5	7.7	-1	7	7	27.5	-27.5	-1	13	1	11.1	11.5
-1	3	5	129.4	129.5	-1	7	8	19.9	-18.9	-1	13	3	15.3	13.9
-1	3	6	9.3	-10.6	-1	7	9	7.7	7.4	-1	13	4	28.7	29.6
-1	3	7	205.3	205.1	-1	7	12	12.4	-12.2	-1	13	5	24.4	-22.1
-1	3	8	17.4	-18.9	-1	7	13	19.6	19.5	-1	13	6	20.4	-21.6
-1	3	9	36.0	-32.1	-1	7	14	24.1	25.8	-1	13	8	8.4	-9.0

-1	3	10	6.9	-6.2	-1	7	15	6.8	-6.2	-1	13	9	9.2	9.3
-1	3	11	240.6	241.3	-1	7	17	5.2	-4.6	-1	13	10	14.4	14.9
-1	3	13	277.9	280.1	-1	7	18	7.0	-6.2	1	13	9	7.8	7.5
-1	3	15	93.8	93.1	-1	7	19	6.2	-5.0	1	13	6	12.2	-13.5
-1	3	16	4.8	4.5	-1	7	20	19.9	-20.2	1	13	3	11.7	13.4
-1	3	17	6.2	5.5	-1	7	21	17.0	17.8	1	11	15	14.0	-12.1
-1	3	18	9.4	9.0	-1	7	22	27.2	27.9	1	11	14	32.2	-32.4
-1	3	19	151.0	151.5	-1	7	23	13.2	-14.5	1	11	13	11.4	12.8
-1	3	21	47.4	46.4	-1	7	24	8.1	-7.9	1	11	12	18.9	18.8
-1	3	23	20.1	-21.0	-1	7	25	6.1	-5.3	1	11	10	18.6	18.2
-1	3	27	88.5	87.1	-1	7	26	19.3	-19.2	1	11	9	15.9	-13.5
-1	3	29	38.9	38.3	1	9	1	129.5	126.4	1	11	8	25.2	-24.3
1	5	1	19.1	19.0	1	9	0	12.8	-8.8	1	11	6	21.4	-21.2
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
1	11	4	51.8	53.7	1	5	11	11.8	11.5	1	1	12	41.5	44.7
1	11	2	21.1	-24.2	1	5	8	5.3	-4.5	0	12	15	10.3	-9.8
1	9	22	6.2	-4.3	1	5	7	13.4	12.0	0	12	14	66.6	67.9
1	9	21	22.5	23.9	1	5	6	64.0	61.5	0	12	13	10.1	-9.3
1	9	20	7.8	-8.3	1	5	5	48.1	-45.3	0	12	12	21.2	20.8
1	9	18	11.9	-12.7	1	5	4	86.2	-82.1	0	12	11	6.4	-5.8
1	9	17	93.0	94.5	1	5	3	29.8	27.1	0	12	10	13.8	-14.0
1	9	15	34.1	35.4	1	5	2	8.2	7.7	0	12	8	76.0	78.1
1	9	14	5.9	6.2	1	3	29	37.4	-34.8	0	12	7	10.2	9.7
1	9	13	24.5	-22.6	1	3	27	9.2	-8.2	0	12	6	68.2	69.2
1	9	12	7.3	7.3	1	3	25	113.4	-114.2	0	12	4	12.6	13.8
1	9	11	70.7	70.5	1	3	23	115.5	-115.1	0	12	3	11.1	10.2
1	9	10	13.3	9.6	1	3	21	18.5	-18.0	0	12	2	51.1	52.1
1	9	9	183.6	181.3	1	3	19	15.1	-16.4	0	12	0	156.4	153.5
1	9	7	45.0	40.4	1	3	18	9.4	5.6	0	10	21	11.6	13.1
1	9	5	74.0	73.0	1	3	17	157.5	-160.4	0	10	18	7.5	7.2
1	9	3	160.8	158.3	1	3	15	10.4	-10.0	0	10	17	16.4	-17.6
1	7	24	6.1	-6.4	1	3	13	18.7	15.3	0	10	16	7.2	-6.4
1	7	23	10.5	-10.5	1	3	11	134.0	-135.2	0	10	15	14.5	-14.8
1	7	22	12.0	12.1	1	3	10	8.9	-8.4	0	10	14	22.0	-21.8
1	7	21	7.5	6.5	1	3	8	10.5	-10.6	0	10	13	34.8	34.2
1	7	20	5.6	-5.4	1	3	7	129.1	-136.1	0	10	12	20.2	19.7
1	7	18	7.5	-8.0	1	3	5	255.6	-257.6	0	10	11	10.3	-10.2
1	7	16	7.9	-8.4	1	3	4	7.8	9.4	0	10	9	17.1	-15.6
1	7	15	17.6	-19.4	1	3	3	223.5	-235.8	0	10	8	9.3	-7.8

1	7	14	47.3	49.1	1	3	2	17.9	19.6	0	10	6	12.9	-12.3
1	7	12	32.8	-32.6	1	1	29	11.7	-11.5	0	10	5	33.9	33.2
1	7	11	6.3	-4.7	1	1	28	5.7	6.0	0	10	4	22.5	23.3
1	7	10	28.7	-28.5	1	1	26	18.5	18.1	0	10	3	27.6	-27.9
1	7	9	32.7	-31.1	1	1	25	9.1	9.0	0	10	2	10.6	-11.7
1	7	8	34.7	32.9	1	1	24	6.3	5.4	0	10	1	8.0	-7.8
1	7	6	38.4	36.2	1	1	22	30.2	-29.7	0	10	0	14.3	-13.7
1	7	5	45.6	44.6	1	1	20	24.2	23.7	0	8	24	10.2	-10.6
1	7	4	97.8	-95.1	1	1	19	9.3	8.5	0	8	23	27.9	-30.7
1	7	3	58.8	-57.9	1	1	17	5.1	5.3	0	8	22	14.8	15.3
1	7	2	41.2	41.8	1	1	15	16.8	17.7	0	8	21	19.9	20.8
1	5	27	9.1	-8.2	1	1	14	52.5	-55.0	0	8	19	16.0	15.8
1	5	26	19.9	-20.2	1	1	13	32.7	-33.4	0	8	18	15.9	-17.4
1	5	25	7.2	7.3	1	1	11	9.4	9.9	0	8	17	27.7	-28.9
1	5	23	9.5	10.2	1	1	10	14.3	13.0	0	8	16	6.4	7.0
1	5	22	29.9	29.7	1	1	9	17.1	16.4	0	8	15	18.9	-18.8
1	5	21	16.7	-17.2	1	1	7	27.5	27.6	0	8	14	24.6	26.1
1	5	20	26.0	-26.3	1	1	6	90.2	-90.4	0	8	13	63.7	63.0
1	5	19	9.5	8.4	1	1	5	78.6	-78.5	0	8	12	23.4	-23.1
1	5	17	10.4	11.1	1	1	4	149.1	149.4	0	8	11	30.2	-29.7
1	5	16	11.2	8.5	1	1	3	66.6	67.9	0	8	10	6.6	6.2
1	5	15	9.0	8.8	1	1	2	40.2	-40.4	0	8	9	19.2	-16.7
1	5	14	34.8	33.7	1	1	27	5.2	-4.8	0	8	8	17.7	18.4
1	5	13	20.4	-20.2	1	1	23	13.3	12.1	0	8	7	19.0	17.0
1	5	12	32.8	-33.1	1	1	21	17.6	-17.3	0	8	5	31.7	30.4
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
0	8	4	20.5	-21.3	0	4	3	68.7	68.5	1	13	4	24.1	23.7
0	8	3	42.8	-41.1	0	4	2	58.4	56.3	1	13	5	14.5	-12.9
0	8	2	10.1	10.9	0	4	1	82.3	-81.2	1	13	7	7.6	7.0
0	8	1	13.9	13.6	0	4	0	43.9	-44.0	-1	5	18	12.5	-12.4
0	6	26	18.4	17.4	0	2	30	13.3	-13.5	-1	3	25	25.0	24.5
0	6	24	38.4	-37.6	0	2	29	16.6	-16.2	2	12	12	86.1	-88.2
0	6	23	6.7	-5.4	0	2	27	12.8	-13.3	2	12	10	85.4	-84.0
0	6	22	109.2	-110.8	0	2	26	9.2	8.3	2	12	6	49.4	-46.7
0	6	20	92.2	-94.0	0	2	24	6.7	5.8	2	12	4	84.2	-81.0
0	6	19	5.2	-4.2	0	2	23	26.3	24.4	2	12	2	21.7	-22.1
0	6	18	16.6	-16.7	0	2	22	17.0	-17.5	2	12	0	20.0	19.3
0	6	17	7.4	8.1	0	2	21	29.0	-28.0	2	10	18	9.3	8.7

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0	6	16	139.5	-142.6	0	2	20	10.2	10.0	2	10	17	18.5	-19.3
0	6	15	11.1	11.3	0	2	19	5.8	5.7	2	10	16	9.6	-9.4
0	6	14	138.5	-138.5	0	2	17	7.7	7.6	2	10	14	8.0	-7.8
0	6	13	10.4	10.1	0	2	16	5.2	4.2	2	10	13	34.8	33.5
0	6	12	20.9	-19.5	0	2	15	39.6	39.3	2	10	12	27.8	28.0
0	6	10	37.9	38.7	0	2	14	38.4	-38.0	2	10	11	25.2	-24.0
0	6	9	7.2	5.8	0	2	13	59.8	-61.4	2	10	8	8.0	-7.7
0	6	8	173.7	-171.7	0	2	12	15.2	15.9	2	10	7	12.1	12.8
0	6	7	13.7	-14.6	0	2	10	8.0	7.2	2	10	5	15.5	14.2
0	6	6	103.7	-102.5	0	2	9	18.6	18.3	2	10	4	17.1	15.8
0	6	4	66.3	-66.2	0	2	7	54.4	54.6	2	10	3	27.0	-25.4
0	6	3	17.5	-16.4	0	2	6	67.5	-66.6	2	10	2	13.1	-13.7
0	6	2	141.9	-142.7	0	2	5	155.8	-153.0	2	8	23	14.4	-15.1
0	6	0	347.9	-348.2	0	2	4	82.2	80.1	2	8	22	9.0	9.2
0	4	28	8.1	7.5	0	2	3	96.1	92.9	2	8	21	22.7	23.3
0	4	27	17.6	-17.2	0	2	2	11.2	-8.5	2	8	20	12.1	-11.7
0	4	26	5.5	-5.3	0	2	1	44.3	47.4	2	8	19	11.9	-9.9
0	4	25	10.1	-10.7	0	2	0	39.6	-40.1	2	8	17	16.5	-16.1
0	4	24	21.3	-20.7	0	0	28	35.1	33.2	2	8	16	6.9	7.1
0	4	23	48.6	48.1	0	0	26	34.3	-32.6	2	8	14	12.5	11.1
0	4	22	30.2	30.6	0	0	24	75.7	75.5	2	8	13	36.5	33.3
0	4	21	29.4	-29.9	0	0	22	118.0	115.7	2	8	12	16.4	-16.4
0	4	19	23.1	-22.8	0	0	20	112.2	111.1	2	8	11	25.7	-24.8
0	4	18	26.4	-26.4	0	0	18	77.5	76.3	2	8	9	9.7	-8.3
0	4	17	49.4	50.1	0	0	16	158.1	161.1	2	8	8	7.7	7.5
0	4	16	15.0	15.5	0	0	14	151.7	152.4	2	8	5	40.1	35.8
0	4	15	27.7	27.3	0	0	12	121.5	121.0	2	8	4	27.7	-28.0
0	4	14	48.6	49.9	0	0	10	155.2	-157.9	2	8	3	42.8	-42.1
0	4	13	102.6	-101.6	0	0	8	147.5	148.1	2	8	0	7.3	6.6
0	4	12	61.1	-60.5	0	0	4	18.9	26.9	-2	8	1	20.8	-19.2
0	4	11	68.0	68.3	0	0	2	157.6	145.0	2	6	20	44.9	47.3
0	4	10	16.2	16.1	0	0	30	61.0	59.1	2	6	18	83.9	85.9
0	4	9	14.0	14.1	0	6	11	7.3	6.8	2	6	17	10.1	10.4
0	4	8	25.9	26.2	1	7	13	35.2	34.4	2	6	16	31.1	30.4
0	4	7	48.9	-47.8	1	9	8	15.3	16.2	2	6	15	6.9	6.7
0	4	6	14.5	-14.1	1	11	3	18.6	-20.5	2	6	14	77.8	76.5
0	4	5	12.1	-11.4	1	11	5	22.6	23.4	2	6	12	156.3	154.3
0	4	4	27.6	-25.7	1	13	1	9.2	9.9	2	6	10	197.8	197.1
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/

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2	6	6	72.8	72.5	2	2	3	56.5	57.2	-2	2	28	11.5	-10.2
2	6	5	11.2	-12.3	2	2	2	37.7	-37.0	-2	2	29	9.0	8.6
2	6	4	171.5	170.6	2	2	1	84.0	-81.8	-2	4	3	47.7	50.2
2	6	2	45.0	46.8	2	2	0	55.3	54.6	-2	4	4	62.9	-64.7
2	6	0	93.6	-92.0	-2	2	1	86.1	-84.9	-2	4	5	109.6	-110.5
2	4	27	8.0	-8.3	2	0	28	38.7	-39.3	-2	4	6	48.8	50.3
2	4	26	12.0	-11.9	2	0	26	90.3	-89.1	-2	4	7	45.9	45.8
2	4	25	15.0	16.2	2	0	24	22.7	-23.0	-2	4	8	7.3	-7.0
2	4	23	12.0	13.9	2	0	22	21.0	21.1	-2	4	9	31.1	30.8
2	4	22	16.5	17.2	2	0	20	46.7	-47.7	-2	4	10	24.4	-24.1
2	4	21	28.4	-30.3	2	0	18	147.5	-149.5	-2	4	11	21.5	-21.5
2	4	20	16.1	-18.5	2	0	14	98.0	-95.6	-2	4	13	44.1	-43.0
2	4	19	16.3	16.3	2	0	12	281.1	-278.5	-2	4	14	38.7	37.5
2	4	17	10.4	10.5	2	0	8	32.0	29.6	-2	4	15	55.6	54.5
2	4	14	13.0	12.0	2	0	4	134.4	-128.2	-2	4	16	19.7	-19.3
2	4	13	43.4	-43.5	2	0	0	33.9	40.1	-2	4	19	9.3	-9.8
2	4	12	29.2	-29.0	-2	0	8	129.4	-136.3	-2	4	21	12.7	-10.9
2	4	11	21.8	21.3	-2	0	10	292.5	-290.0	-2	4	22	8.6	8.9
2	4	9	7.1	6.3	-2	0	12	135.2	-134.2	-2	4	23	19.3	20.3
2	4	7	15.8	15.9	-2	0	14	14.8	13.4	-2	4	24	13.0	-13.8
2	4	6	30.2	29.2	-2	0	16	9.5	-9.0	-2	4	27	12.4	-10.7
2	4	5	75.6	-73.9	-2	0	18	154.4	-159.1	-2	6	2	235.2	234.3
2	4	4	50.7	-49.6	-2	0	20	16.3	-18.0	-2	6	4	199.7	197.2
2	4	3	62.7	63.8	-2	0	22	15.9	-16.0	-2	6	6	64.3	64.3
2	4	2	15.0	16.0	-2	0	24	111.0	-113.4	-2	6	8	112.1	113.1
2	4	1	21.0	21.1	-2	0	26	114.0	-113.1	-2	6	9	12.1	11.9
2	4	0	23.2	23.4	-2	0	28	8.8	-6.4	-2	6	10	232.2	230.5
-2	4	1	37.5	38.3	-2	0	30	37.0	-34.0	-2	6	12	50.3	51.2
2	2	27	12.6	-14.5	-2	2	2	36.1	-37.0	-2	6	14	13.1	11.6
2	2	26	10.1	10.0	-2	2	3	76.6	77.0	-2	6	16	35.4	34.5
2	2	24	10.8	10.9	-2	2	4	39.2	38.8	-2	6	18	91.7	90.1
2	2	23	41.2	41.8	-2	2	5	36.0	-36.8	-2	6	19	9.5	-9.9
2	2	22	25.7	-27.3	-2	2	7	36.1	-36.8	-2	6	20	27.7	28.9
2	2	21	39.9	-42.7	-2	2	8	26.3	-26.5	-2	6	22	24.6	25.5
2	2	20	15.5	15.7	-2	2	9	35.1	35.2	-2	6	24	66.7	69.3
2	2	18	19.5	21.1	-2	2	11	43.8	42.4	-2	6	26	97.1	99.0
2	2	17	51.3	51.8	-2	2	12	45.8	44.1	-2	8	3	25.9	-26.6
2	2	16	23.0	-23.3	-2	2	13	105.8	-103.6	-2	8	5	55.9	59.2
2	2	15	8.9	-6.7	-2	2	14	52.0	-52.3	-2	8	7	18.3	-19.2

Observed and calculated structure factors for biotite 2M1 crystals: C6C

2	2	14	23.5	-23.0	-2	2	15	61.8	61.7	-2	8	9	21.5	-21.5
2	2	13	91.0	-89.1	-2	2	16	8.8	8.1	-2	8	10	10.6	-10.9
2	2	12	61.6	60.4	-2	2	17	35.7	34.9	-2	8	11	8.1	7.5
2	2	11	92.9	92.9	-2	2	18	32.0	32.3	-2	8	13	35.1	34.8
2	2	10	33.7	-32.3	-2	2	19	40.0	-40.2	-2	8	14	18.8	20.7
2	2	9	14.6	-12.5	-2	2	21	13.2	-14.6	-2	8	15	37.1	-36.4
2	2	8	14.9	-15.5	-2	2	22	17.7	-18.9	-2	8	16	12.0	-12.0
2	2	7	45.1	-47.4	-2	2	23	48.9	48.7	-2	8	18	10.7	-12.2
2	2	6	26.3	26.0	-2	2	24	25.8	26.3	-2	8	19	10.2	9.9
2	2	5	13.8	15.1	-2	2	25	25.0	-26.6	-2	8	21	8.4	8.2
2	2	4	16.6	16.2	-2	2	27	14.6	-13.4	-2	8	23	19.3	-20.1

H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-2	8	24	7.4	-8.2	3	3	13	143.3	139.2	3	9	7	89.1	-89.8
-2	10	3	18.0	-21.0	3	3	15	145.3	142.1	3	9	13	75.4	-76.6
-2	10	4	24.3	27.1	3	3	17	16.8	16.1	3	9	15	101.3	-101.5
-2	10	5	28.6	32.7	3	3	19	96.1	94.6	3	9	16	7.9	8.3
-2	10	9	21.3	-21.0	3	3	21	108.0	109.7	3	9	17	10.6	-8.7
-2	10	10	13.4	13.4	3	3	23	33.8	35.9	3	9	19	49.1	-50.6
-2	10	12	13.1	12.7	3	3	25	16.7	-16.7	3	11	0	10.7	-12.0
-2	10	13	35.6	35.0	-3	5	1	20.7	23.5	3	11	2	11.5	-14.2
-2	10	14	28.5	-28.8	3	5	0	13.0	15.4	3	11	4	26.8	27.4
-2	10	15	27.4	-28.6	3	5	1	15.7	-16.6	3	11	5	10.6	10.8
-2	10	17	12.8	-11.3	3	5	2	71.2	72.1	3	11	7	6.4	7.1
-2	10	18	14.2	12.8	3	5	3	46.6	46.9	3	11	8	7.4	-7.5
-2	10	19	17.1	17.8	3	5	4	89.3	-89.6	3	11	12	21.5	21.9
-2	12	2	90.7	-94.1	3	5	5	32.4	-32.4	3	11	13	9.0	8.8
-2	12	4	86.5	-89.1	3	5	6	8.6	8.2	-3	11	15	12.6	-14.3
-2	12	6	34.9	-33.4	3	5	7	19.6	-18.9	-3	11	14	26.0	-26.6
-2	12	8	41.3	-43.5	3	5	8	43.2	42.0	-3	11	10	16.3	16.2
-2	12	10	104.7	-105.6	3	5	9	15.0	15.9	-3	11	9	9.1	-9.8
-2	12	12	41.2	-41.8	3	5	10	9.8	-10.0	-3	11	6	28.1	-30.1
-3	1	1	29.2	30.0	3	5	11	10.9	11.1	-3	11	4	23.3	26.4
3	1	0	17.7	-17.8	3	5	12	52.3	-50.0	-3	11	2	8.8	9.4
3	1	1	26.0	-26.5	3	5	13	27.6	-27.5	-3	9	21	70.6	71.8
3	1	2	78.4	-81.0	3	5	14	39.8	39.0	-3	9	17	79.1	77.5
3	1	3	55.8	57.1	3	5	15	8.6	8.8	-3	9	15	105.4	103.7
3	1	4	100.1	101.7	3	5	20	10.0	-9.5	-3	9	14	8.7	-7.8
3	1	5	42.0	-41.1	3	5	21	7.8	-7.8	-3	9	11	22.7	-22.9

3	1	6	17.7	-17.0	3	5	22	12.4	12.7	-3	9	9	124.8	124.3
3	1	7	16.5	-15.8	-3	7	1	19.2	-18.8	-3	9	7	54.7	56.2
3	1	8	37.4	-36.4	3	7	0	17.3	18.6	-3	9	5	15.1	14.3
3	1	9	15.2	15.0	3	7	1	9.6	9.6	-3	9	3	94.7	95.8
3	1	11	23.7	21.7	3	7	2	27.8	28.1	-3	7	24	16.6	-17.7
3	1	12	56.6	55.9	3	7	3	22.6	-24.0	-3	7	23	14.4	-13.9
3	1	13	34.7	-33.4	3	7	4	43.3	-43.3	-3	7	22	12.9	13.7
3	1	14	39.8	-38.8	3	7	5	22.0	21.2	-3	7	19	6.0	5.8
3	1	15	5.7	5.6	3	7	6	9.9	9.5	-3	7	18	13.2	-14.1
3	1	16	7.4	-6.8	3	7	8	14.2	12.4	-3	7	16	21.1	-20.9
3	1	17	6.0	5.8	3	7	10	10.7	9.6	-3	7	15	29.6	-28.5
3	1	20	16.1	16.7	3	7	11	20.9	-19.1	-3	7	14	41.2	39.8
3	1	21	15.1	-15.6	3	7	12	35.0	-33.5	-3	7	13	16.3	15.9
3	1	22	19.3	-19.6	3	7	13	17.9	17.6	-3	7	11	9.7	9.1
3	1	25	6.6	5.4	3	7	14	12.2	13.9	-3	7	10	23.0	-22.8
3	1	26	9.9	8.4	3	7	16	17.0	16.3	-3	7	9	8.5	-8.9
-3	3	1	339.4	-342.2	3	7	19	6.6	-6.4	-3	7	6	47.0	49.3
3	3	1	142.1	141.6	3	7	20	18.3	-18.5	-3	7	5	31.1	34.8
3	3	3	63.2	64.8	3	7	21	17.5	17.8	-3	7	4	39.2	-40.8
3	3	5	98.2	99.8	3	7	22	21.9	20.1	-3	7	2	10.2	-9.9
3	3	6	9.1	9.4	-3	9	1	165.7	166.2	-3	5	27	10.1	-10.7
3	3	7	171.3	170.6	3	9	1	57.7	-58.4	-3	5	26	11.0	-13.2
3	3	9	37.6	-37.9	3	9	3	47.0	-48.0	-3	5	24	17.3	-17.1
3	3	11	20.3	18.2	3	9	5	56.7	-57.6	-3	5	23	13.6	13.8
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-3	5	22	29.3	29.4	4	10	13	14.6	13.2	4	4	4	9.6	-9.1
-3	5	21	13.1	-13.2	4	10	12	13.0	12.9	4	4	3	40.4	39.1
-3	5	20	11.3	-13.0	4	10	11	17.2	-18.2	4	4	2	25.2	26.1
-3	5	18	10.6	-10.3	4	10	10	9.4	-10.1	4	4	1	29.7	-28.9
-3	5	16	7.8	-7.8	4	10	8	8.1	-8.2	4	4	0	11.8	-12.7
-3	5	15	16.4	16.1	4	10	5	10.6	10.7	4	2	24	11.3	-10.0
-3	5	14	27.3	26.2	4	10	4	10.5	11.4	4	2	22	7.5	-7.2
-3	5	8	35.6	-35.7	4	10	3	25.7	-25.8	4	2	21	26.9	-25.7
-3	5	7	30.6	30.1	4	10	2	13.9	-14.4	4	2	20	16.5	17.4
-3	5	6	62.4	65.1	-4	10	1	15.1	-15.9	4	2	19	26.7	25.4
-3	5	4	19.3	-20.0	4	8	17	14.3	-14.5	4	2	18	11.4	-8.4
-3	5	3	10.8	-13.0	4	8	16	12.2	12.7	4	2	15	9.9	-9.8
-3	5	2	44.6	-46.1	4	8	15	15.0	15.3	4	2	13	20.6	-19.8
-3	3	27	15.8	15.7	4	8	13	23.9	24.2	4	2	12	13.6	12.3

-3	3	25	32.9	-35.9	4	8	12	13.8	-15.4	4	2	11	23.1	21.9
-3	3	23	103.8	-106.8	4	8	11	34.9	-33.1	4	2	10	11.2	-10.5
-3	3	21	91.4	-92.4	4	8	10	14.6	13.9	4	2	7	9.3	7.4
-3	3	19	19.6	-16.0	4	8	9	7.5	7.2	4	2	6	15.8	-16.2
-3	3	17	138.1	-138.0	4	8	7	14.6	14.9	4	2	5	50.1	-49.8
-3	3	15	141.4	-137.9	4	8	4	10.1	-10.3	4	2	4	31.4	32.7
-3	3	13	19.1	-19.6	4	8	3	25.2	-25.7	4	2	3	54.0	56.3
-3	3	11	40.1	38.4	4	8	2	9.8	11.1	4	2	2	15.8	-15.9
-3	3	9	171.6	-169.6	4	8	1	15.1	13.9	4	2	0	14.4	-18.1
-3	3	7	98.8	-101.4	-4	8	1	7.2	-6.3	-4	2	1	45.8	47.2
-3	3	5	65.6	-64.2	4	6	20	23.0	-24.3	4	0	24	96.2	99.7
-3	3	3	139.7	-140.7	4	6	16	90.4	-91.7	4	0	22	67.9	69.4
-3	1	28	16.4	-17.0	4	6	14	33.9	-34.5	4	0	20	25.3	27.3
-3	1	27	10.7	-11.0	4	6	12	21.2	21.3	4	0	18	30.3	29.7
-3	1	26	9.8	9.5	4	6	10	67.1	-67.6	4	0	16	91.1	89.0
-3	1	24	22.1	23.0	4	6	8	178.8	-176.9	4	0	14	34.7	33.9
-3	1	23	15.7	17.0	4	6	6	41.1	-40.7	4	0	12	12.7	10.8
-3	1	22	28.5	-30.2	4	6	4	73.7	-70.4	4	0	10	50.5	50.2
-3	1	21	11.3	-10.9	4	6	2	156.6	-155.6	4	0	8	228.6	227.2
-3	1	20	8.4	8.0	4	6	0	126.8	-123.9	4	0	6	110.1	111.1
-3	1	18	14.0	14.5	4	4	23	16.3	16.8	4	0	4	62.9	64.1
-3	1	16	17.5	17.3	4	4	22	17.6	17.4	4	0	2	194.3	194.8
-3	1	15	27.3	26.7	4	4	21	29.4	-30.4	4	0	0	227.7	229.2
-3	1	14	41.4	-41.6	4	4	20	16.4	-16.0	-4	0	2	89.7	-88.8
-3	1	13	10.9	-10.5	4	4	19	10.6	9.7	-4	0	4	45.1	46.1
-3	1	12	11.0	10.4	4	4	17	25.5	25.0	-4	0	6	164.8	167.3
-3	1	10	5.0	4.8	4	4	16	17.3	17.6	-4	0	8	71.2	71.4
-3	1	9	7.3	-6.7	4	4	15	20.5	-19.1	-4	0	12	191.5	190.5
-3	1	8	36.5	35.3	4	4	13	39.2	-37.4	-4	0	14	152.5	150.5
-3	1	7	39.7	39.7	4	4	12	35.1	-32.6	-4	0	16	74.8	72.0
-3	1	6	82.3	-82.0	4	4	11	57.6	55.0	-4	0	18	29.6	28.6
-3	1	5	45.0	-44.2	4	4	10	28.5	27.8	-4	0	20	85.2	84.2
-3	1	4	37.2	38.3	4	4	9	9.0	-9.2	-4	0	22	43.9	46.0
-3	1	2	40.2	39.9	4	4	8	13.3	11.0	-4	2	2	13.0	15.4
4	12	2	82.4	82.2	4	4	7	23.6	-22.9	-4	2	3	12.1	13.7
4	12	0	71.2	71.1	4	4	6	9.2	-8.5	-4	2	5	88.7	-90.2
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-4	2	6	51.7	-54.8	-4	8	11	12.2	11.0	5	5	3	18.1	19.6
-4	2	7	64.0	64.2	-4	8	13	27.9	26.4	5	5	4	23.3	-24.1

-4	2	9	18.4	18.6	-4	8	14	18.0	17.9	5	5	6	8.8	-9.2
-4	2	10	17.9	17.3	-4	8	15	39.3	-39.4	5	5	7	10.2	-10.1
-4	2	11	38.9	-39.3	-4	8	16	12.8	-12.8	5	5	8	11.5	11.5
-4	2	12	15.3	-14.6	-4	8	18	10.3	-9.3	5	5	10	23.5	22.8
-4	2	13	12.1	-13.0	-4	8	19	21.1	20.8	5	5	11	18.2	18.3
-4	2	14	24.7	-23.8	-4	8	20	8.2	7.7	5	5	12	32.5	-31.7
-4	2	15	55.9	54.0	-4	10	2	9.2	9.8	5	5	13	8.8	-8.6
-4	2	16	26.0	26.3	-4	10	5	29.1	31.2	5	5	16	18.0	16.6
-4	2	17	23.5	-22.9	-4	10	7	16.3	-19.4	5	5	17	6.9	6.7
-4	2	19	7.2	-7.8	-4	10	9	9.4	-10.9	5	5	19	10.7	8.2
-4	2	23	12.6	10.9	-4	10	11	14.3	14.0	5	7	1	19.4	20.7
-4	2	25	10.0	-10.1	-4	10	12	7.2	-7.2	5	7	2	44.4	45.2
-4	4	3	18.5	19.4	-4	10	13	10.7	10.5	5	7	3	27.2	-28.9
-4	4	4	17.8	-20.6	-4	10	14	17.9	-17.6	5	7	4	34.1	-34.3
-4	4	5	40.6	-41.8	-4	10	15	24.2	-25.3	5	7	6	11.8	-12.5
-4	4	6	23.3	23.0	-4	10	16	9.2	10.2	5	7	7	16.2	16.9
-4	4	7	13.1	13.5	-4	12	2	12.9	-14.7	5	7	8	24.2	24.5
-4	4	8	7.0	8.3	-4	12	4	26.3	27.7	5	7	9	7.9	-7.7
-4	4	9	24.2	23.1	5	1	0	5.1	5.0	5	7	11	18.3	-18.6
-4	4	10	8.0	-7.4	5	1	1	18.2	-19.9	5	7	12	32.4	-31.9
-4	4	13	43.8	-42.8	5	1	2	51.2	-52.5	5	7	13	14.0	12.8
-4	4	14	39.8	37.6	5	1	3	27.3	29.6	5	7	14	12.6	11.8
-4	4	15	52.3	50.5	5	1	4	36.0	36.7	-5	9	1	18.2	18.1
-4	4	16	17.0	-17.2	5	1	6	12.3	12.3	5	9	1	21.2	21.6
-4	4	18	15.5	-13.9	5	1	7	14.7	-14.4	5	9	3	75.8	77.8
-4	4	19	32.0	-29.4	5	1	8	19.4	-19.3	5	9	5	44.5	46.2
-4	4	20	12.9	12.3	5	1	10	20.5	-19.9	5	9	9	79.1	80.8
-4	4	22	6.1	7.6	5	1	11	24.1	23.7	5	9	11	85.6	86.6
-4	4	23	28.6	26.4	5	1	12	42.7	41.3	-5	9	13	38.4	-39.8
-4	4	24	16.9	-18.1	5	1	13	12.4	-12.2	-5	9	11	104.6	-102.0
-4	4	25	22.7	-23.0	5	1	14	7.3	-7.5	-5	9	9	40.7	-41.5
-4	4	26	12.0	8.8	5	1	16	13.0	-14.0	-5	9	7	31.0	-32.0
-4	6	2	27.2	27.3	5	1	19	7.9	8.3	-5	9	5	88.9	-86.8
-4	6	4	48.9	-50.1	5	1	20	17.9	17.2	-5	9	3	88.9	-90.1
-4	6	6	90.7	-91.2	5	1	21	10.5	-10.7	-5	7	18	9.1	-8.3
-4	6	8	81.2	-79.8	5	1	22	12.3	-13.5	-5	7	16	9.1	-9.4
-4	6	10	9.8	-9.4	-5	3	1	25.6	-25.7	-5	7	15	10.6	-9.8
-4	6	12	109.7	-107.1	5	3	1	45.6	-48.2	-5	7	14	12.3	12.0
-4	6	14	135.7	-135.1	5	3	3	88.9	-90.0	-5	7	8	21.9	-23.2

-4	6	16	64.7	-65.7	5	3	5	78.7	-81.1	-5	7	6	26.2	29.9
-4	6	19	8.5	-7.8	5	3	7	10.4	-9.7	-5	7	5	12.4	13.7
-4	6	20	81.3	-80.3	5	3	9	107.9	-107.1	-5	7	3	17.3	19.3
-4	6	22	50.6	-48.7	5	3	11	137.3	-136.4	-5	7	2	25.9	-29.1
-4	6	24	16.1	14.9	5	3	13	67.6	-66.3	-5	5	22	10.8	10.1
-4	8	3	12.6	-12.5	5	3	17	82.0	-80.3	-5	5	20	12.7	12.0
-4	8	5	35.5	36.2	5	3	19	49.1	-48.0	-5	5	19	11.9	-11.6
-4	8	7	13.0	-14.7	5	3	21	16.5	15.1	-5	5	18	11.2	-11.8
-4	8	9	19.5	-19.5	5	5	2	35.2	36.7	-5	5	16	26.1	-24.3
H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/	H	K	L	/FO/	/FC/
-5	5	15	16.8	16.7	-5	3	3	119.7	121.5	-5	1	3	13.8	-13.0
-5	5	14	32.8	31.4	-5	1	25	13.8	-12.6	-5	1	2	20.8	23.4
-5	5	10	14.4	-14.4	-5	1	24	22.6	21.9	6	8	4	10.9	-10.8
-5	5	8	10.4	-9.7	-5	1	23	12.3	9.8	6	8	3	24.3	-24.7
-5	5	7	12.4	14.1	-5	1	22	15.3	-15.1	6	8	1	8.4	8.4
-5	5	6	37.4	38.4	-5	1	20	9.7	-8.6	-6	8	1	15.6	-15.3
-5	5	5	16.5	-19.1	-5	1	19	12.1	-11.4	6	6	12	68.3	66.7
-5	5	4	14.9	-15.4	-5	1	18	11.4	10.7	6	6	10	20.5	19.9
-5	5	2	10.6	-13.0	-5	1	16	25.5	23.7	6	6	8	12.4	-12.9
-5	3	23	22.3	22.7	-5	1	15	20.2	19.5	6	6	6	74.1	74.3
-5	3	19	92.5	89.5	-5	1	14	32.6	-30.0	6	6	4	65.2	64.5
-5	3	17	37.5	34.8	-5	1	13	9.7	-7.6	6	6	2	12.3	12.4
-5	3	15	23.3	-21.0	-5	1	10	9.2	10.3	6	6	0	50.3	50.2
-5	3	13	65.8	66.3	-5	1	8	21.5	21.4	6	4	15	9.0	-9.4
-5	3	11	172.9	171.9	-5	1	7	19.7	18.8	6	4	11	15.6	14.8
-5	3	7	67.2	68.5	-5	1	6	44.5	-45.4	6	4	10	9.6	8.7
-5	3	5	149.7	151.6	-5	1	4	8.6	11.8					