AM-94-543

Crystal chemistry and microstructures of plutonic biotite

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For deposit: Table 5

American Mineralogist, 79, 1-2, 63-72.

Table 5. Observed and calculated structure factors of biotite $1M$ and $2M_1$ (sample M7, Valle del Cervo Syenitic Complex). Available on request.

SAMPLE MP7 (1M POLYTYPE)

H	K	L	/FO/	/FC/
0	12	0	60.6	63.1
1	11	0	15.3	15.9
4	10	0	9.5	8.4
0	10	0	7.3	-7.2
5	9	0	28.5	31.1
3	9	0	35.2	37.9
6	8	0	11.8	12.7
4	8	0	12.5	13.0
1	7	0	22.4	23.3
4	6	0	14.5	16.5
2	6	0	105.9	105.6
0	6	0	165.6	163.7
7	5	0	8.2	-8.3
5	5	0	13.3	-13.8
3	5	0	9.9	9.9
1	5	0	20.5	21.4
6	4	0	18.2	19.8
4	4	0	15.8	16.4
0	4	0	44.4	46.3
7	3	0	21.6	23.0
5	3	0	59.4	61.4
1	3	0	30.6	-28.5
3	3	0	69.6	67.1
8	2	0	9.4	9.0
6	2	0	9.2	10.4
4	2	0	27.0	26.8
2	2	0	47.5	46.6
0	2	0	33.6	-35.8
7	1	0	9.8	-10.1
5	1	0	15.9	-15.4
1	1	0	36.5	37.5
6	0	0	14.3	16.4
4	0	0	16.9	17.7
2	0	0	130.6	132.5
4	12	1	19.3	-19.7
2	12	1	32.4	-33.7
3	11	1	15.5	-16.2
4	10	1	13.1	14.0
2	10	1	15.0	14.7
-3	9	1	69.0	-70.2
-1	9	1	53.4	-54.0
1	9	1	15.4	-16.4
5	9	1	11.0	-12.7
4	8	1	10.3	11.3
2	8	1	22.9	22.4
0	8	1	12.1	12.1
-2	8	1	15.1	-14.3
-3	7	1	12.0	12.3
3	7	1	26.7	-27.8
5	7	1	13.8	-14.4

H	K	L	/FO/	/FC/
6	6	1	20.6	-22.8
4	6	1	33.9	-35.2
2	6	1	91.7	-90.2
0	6	1	69.9	-68.1
-2	6	1	48.3	47.4
-3	5	1	20.4	21.1
-1	5	1	14.4	15.5
1	5	1	36.7	-36.2
3	5	1	27.9	-27.8
5	5	1	14.9	-15.9
6	4	1	11.5	11.9
4	4	1	15.8	15.3
2	4	1	44.9	46.5
0	4	1	40.2	41.5
-2	4	1	22.9	-24.7
-5	3	1	48.6	-48.4
-3	3	1	157.6	-156.7
-1	3	1	136.5	-135.1
1	3	1	13.6	10.7
3	3	1	28.2	-29.3
5	3	1	27.8	-27.6
7	3	1	13.0	-13.2
4	2	1	43.6	43.6
2	2	1	31.5	31.8
0	2	1	7.9	8.3
-2	2	1	41.2	41.2
-4	2	1	14.8	-15.7
-3	1	1	22.3	23.6
-1	1	1	18.0	18.6
1	1	1	37.1	-37.2
3	1	1	40.3	-39.5
5	1	1	20.9	-20.5
8	0	1	11.3	-10.0
6	0	1	19.3	-19.7
4	0	1	73.6	-72.1
2	0	1	121.5	-120.6
0	0	1	83.2	-84.3
-2	0	1	32.5	30.9
-4	0	1	43.3	43.8
-6	0	1	23.8	-23.5
-8	0	1	22.6	-23.7
-6	6	1	15.9	-18.1
-5	7	1	9.2	9.0
-5	9	1	29.6	-31.2
3	13	2	7.3	-7.1
1	13	2	14.8	-14.1
2	12	2	12.6	13.3
4	12	2	9.9	9.3
1	11	2	14.1	-14.7
-1	11	2	18.7	-18.7

H	K	L	/FO/	/FC/
-2	10	2	8.9	8.9
0	10	2	20.7	19.7
2	10	2	9.1	9.2
5	9	2	13.8	13.8
3	9	2	19.3	20.4
1	9	2	37.4	36.8
-1	9	2	68.3	67.4
-2	8	2	12.1	13.2
0	8	2	23.7	23.7
2	8	2	24.7	25.0
3	7	2	15.4	-16.1
1	7	2	33.0	-34.0
-1	7	2	40.9	-40.6
-6	6	2	53.0	55.4
-4	6	2	51.5	52.1
-2	6	2	17.3	18.0
0	6	2	27.9	28.5
2	6	2	26.1	26.9
4	6	2	31.3	30.5
6	6	2	21.7	22.7
3	5	2	24.8	-26.8
1	5	2	53.7	-55.8
-1	5	2	28.6	-28.5
-3	5	2	12.5	-10.6
-5	5	2	9.1	8.6
-6	4	2	9.6	-11.5
-4	4	2	8.7	8.2
-2	4	2	13.1	12.9
0	4	2	24.3	27.1
2	4	2	48.7	49.4
4	4	2	6.1	-6.3
6	4	2	8.7	-7.8
5	3	2	15.6	16.0
3	3	2	39.8	41.5
1	3	2	60.0	58.0
-1	3	2	123.8	123.7
-3	3	2	67.3	67.3
-4	2	2	17.7	-18.8
-2	2	2	41.4	41.8
0	2	2	78.4	80.5
4	2	2	13.3	13.1
3	1	2	35.2	-35.5
1	1	2	82.0	-84.0
-1	1	2	61.4	-62.8
-3	1	2	12.7	-11.7
-6	0	2	60.6	62.8
-4	0	2	104.4	104.5
0	0	2	9.4	10.2
2	0	2	118.1	117.5
4	0	2	27.2	24.7

H	K	L	/FO/	/FC/
6	0	2	27.0	29.7
8	0	2	25.7	24.5
-3	13	3	14.8	-13.4
-1	13	3	10.4	-10.9
2	12	3	15.4	-15.3
0	12	3	26.8	-24.7
-2	12	3	29.3	-27.6
-4	12	3	28.1	-28.6
-3	11	3	14.6	-14.1
-1	11	3	22.5	-21.0
1	11	3	11.7	-11.6
2	10	3	7.7	-7.5
0	10	3	11.0	9.8
-2	10	3	12.3	12.2
-4	10	3	8.3	8.2
-3	9	3	17.7	-16.7
-1	9	3	32.5	-32.0
1	9	3	35.9	-33.5
3	9	3	45.5	-44.0
5	9	3	32.8	-33.8
4	8	3	11.6	-10.7
-2	8	3	23.1	22.2
-4	8	3	10.6	11.2
-5	7	3	11.6	-12.2
-3	7	3	24.2	-23.9
-1	7	3	39.2	-40.5
1	7	3	20.3	-20.4
3	7	3	9.0	8.9
2	6	3	52.4	-50.4
0	6	3	41.1	-42.8
-2	6	3	78.4	-75.6
-4	6	3	67.5	-65.9
-5	5	3	12.5	-10.9
-3	5	3	49.5	-49.6
-1	5	3	45.1	-47.1
1	5	3	19.9	-20.8
4	4	3	11.1	-11.5
0	4	3	15.1	-14.7
-2	4	3	45.8	46.8
-4	4	3	20.9	20.1
-5	3	3	16.3	-16.7
-3	3	3	28.2	-27.9
-1	3	3	123.4	-122.3
1	3	3	91.4	-91.0
3	3	3	71.1	-70.2
5	3	3	65.8	-65.0
7	3	3	24.9	-23.4
4	2	3	18.3	-19.1
2	2	3	28.5	-29.4
0	2	3	55.9	56.2

H	K	L	/FO/	/FC/
-2	2	3	10.3	12.0
-4	2	3	17.9	16.5
-3	1	3	58.2	-58.7
-1	1	3	77.8	-79.2
1	1	3	39.1	-40.3
2	0	3	62.0	-61.8
0	0	3	135.6	-133.8
-2	0	3	59.9	-60.3
-4	0	3	90.8	-89.7
-6	0	3	35.0	-35.8
-6	6	3	18.9	-17.8
-3	13	4	6.4	-6.7
-2	12	4	16.7	16.5
0	12	4	25.9	25.9
2	12	4	37.2	37.0
4	12	4	21.0	21.0
-5	11	4	11.2	-11.1
-4	10	4	10.3	10.4
2	10	4	6.6	-6.4
5	9	4	11.1	12.1
3	9	4	12.2	-12.0
-1	9	4	17.4	17.5
-3	9	4	21.5	21.1
-5	9	4	26.5	25.9
-6	8	4	9.6	9.7
-4	8	4	9.3	8.8
-2	8	4	10.9	9.9
0	8	4	11.8	-11.6
2	8	4	9.1	-10.0
-3	7	4	15.5	-15.7
-5	7	4	22.4	-22.0
-4	6	4	31.1	30.5
-2	6	4	29.8	29.1
0	6	4	74.4	73.3
2	6	4	97.7	97.0
4	6	4	40.5	41.2
1	5	4	18.0	19.8
-1	5	4	11.1	-11.0
-3	5	4	23.3	-23.9
-5	5	4	17.1	-17.2
-7	5	4	11.4	-10.5
-6	4	4	12.3	12.6
-4	4	4	9.5	9.3
-2	4	4	24.2	23.5
0	4	4	22.8	-25.5
2	4	4	16.0	-17.8
4	4	4	10.3	10.1
7	3	4	25.2	25.1
5	3	4	20.6	22.8
1	3	4	13.2	-11.2

H	K	L	/FO/	/FC/
-1	3	4	64.0	63.5
-3	3	4	40.7	41.0
-5	3	4	37.4	36.1
-7	3	4	32.5	30.9
-6	2	4	16.0	15.0
-4	2	4	32.7	33.0
-2	2	4	23.0	-24.5
6	2	4	12.7	12.8
1	1	4	8.8	9.6
-1	1	4	17.9	-17.1
-3	1	4	32.0	-32.6
-5	1	4	27.9	-26.7
-7	1	4	12.6	-11.3
-4	0	4	27.1	27.0
-2	0	4	95.6	93.0
0	0	4	66.1	63.9
2	0	4	132.2	132.2
4	0	4	78.7	77.8
4	2	4	9.4	-7.7
2	12	5	11.8	-12.3
0	12	5	10.5	9.4
-4	12	5	13.1	-12.0
-1	11	5	10.5	10.5
3	11	5	8.5	-7.3
4	10	5	7.9	8.7
2	10	5	9.4	9.8
-2	10	5	7.3	-6.4
-5	9	5	15.6	-16.7
-3	9	5	35.1	-33.4
-1	9	5	74.5	-72.2
1	9	5	44.2	-44.7
4	8	5	15.8	15.9
-2	8	5	6.6	-7.8
-4	8	5	6.9	-7.0
-1	7	5	17.6	18.9
3	7	5	10.2	-10.7
6	6	5	18.9	-19.1
4	6	5	48.8	-50.4
2	6	5	15.4	-16.9
0	6	5	22.7	20.1
-4	6	5	17.3	-17.5
-6	6	5	23.5	-23.0
-7	5	5	10.8	-10.3
-3	5	5	10.4	11.2
3	5	5	9.4	-9.9
5	5	5	12.5	-13.1
6	4	5	10.4	10.5
4	4	5	25.9	25.9
0	4	5	14.6	13.9
-4	4	5	13.3	-12.7

H	K	L	/FO/	/FC/
-6	4	5	12.3	11.6
-7	3	5	13.1	-12.9
-5	3	5	34.5	-32.9
-3	3	5	75.1	-72.6
-1	3	5	137.1	-134.6
1	3	5	108.9	-107.2
4	2	5	15.3	16.5
2	2	5	39.4	40.4
0	2	5	11.5	-11.6
-4	2	5	9.8	10.5
-8	2	5	7.9	7.0
-7	1	5	11.7	-10.5
-3	1	5	9.2	9.9
-1	1	5	11.1	11.0
3	1	5	12.3	-13.0
5	1	5	12.8	-12.8
6	0	5	23.1	-24.0
4	0	5	54.2	-56.7
2	0	5	55.8	-55.1
0	0	5	75.9	73.5
-2	0	5	11.0	8.7
-4	0	5	53.1	-51.4
-6	0	5	20.8	-18.8
-8	0	5	20.8	-18.6
-4	12	6	29.0	30.0
-2	12	6	29.7	30.5
3	11	6	7.9	-8.0
0	10	6	10.4	10.8
2	10	6	16.8	16.7
3	9	6	36.8	35.3
1	9	6	55.8	54.6
-1	9	6	25.4	25.1
0	8	6	26.1	27.2
2	8	6	19.6	19.4
3	7	6	15.5	-16.2
1	7	6	11.0	-11.8
-5	7	6	9.7	10.2
-6	6	6	22.0	23.7
-4	6	6	68.2	69.8
-2	6	6	84.4	85.2
4	6	6	21.1	20.3
3	5	6	9.9	-9.9
1	5	6	21.3	-22.6
-3	5	6	15.9	17.5
0	4	6	47.1	48.9
2	4	6	24.2	25.7
4	4	6	12.6	11.7
5	3	6	9.8	9.5
3	3	6	54.5	54.2
1	3	6	118.4	119.1

H	K	L	/FO/	/FC/
-1	3	6	56.6	55.9
-3	3	6	18.8	-17.8
-7	3	6	14.1	14.1
-6	2	6	9.2	-9.1
-2	2	6	29.8	29.4
0	2	6	16.1	17.5
2	2	6	46.0	47.2
4	2	6	15.9	17.5
3	1	6	16.1	-17.3
1	1	6	23.9	-24.6
-3	1	6	13.6	14.1
-5	1	6	9.9	10.3
-6	0	6	43.4	42.6
-4	0	6	95.3	95.3
-2	0	6	110.9	109.1
0	0	6	54.0	52.4
2	0	6	12.3	-13.1
4	0	6	23.2	24.9
6	0	6	28.4	28.2
0	12	7	23.8	-23.0
-2	12	7	29.3	-31.4
-4	12	7	9.0	-8.7
-3	11	7	8.6	-7.5
-1	11	7	15.3	-14.3
0	10	7	14.0	13.3
-2	10	7	17.1	16.0
-5	9	7	28.8	-28.6
-1	9	7	13.5	12.2
1	9	7	24.0	-22.1
3	9	7	27.5	-25.8
0	8	7	22.3	20.6
-2	8	7	14.4	14.5
-3	7	7	9.3	-9.9
-1	7	7	21.2	-23.1
2	6	7	10.1	-11.1
0	6	7	56.4	-58.2
-2	6	7	61.6	-62.6
-4	6	7	22.2	-24.4
-3	5	7	11.1	-12.0
-1	5	7	20.6	-22.2
1	5	7	20.3	-22.0
4	4	7	10.4	-10.2
2	4	7	12.1	13.5
0	4	7	36.7	38.2
-2	4	7	15.6	17.7
-4	4	7	16.2	17.1
-7	3	7	33.0	-33.0
-5	3	7	40.6	-43.5
-1	3	7	12.7	12.5
1	3	7	34.7	-35.4

H	K	L	/FO/	/FC/
3	3	7	50.4	-51.3
5	3	7	28.2	-27.2
0	2	7	25.8	27.9
-2	2	7	49.9	51.9
-3	1	7	12.7	-14.1
-1	1	7	28.8	-30.3
1	1	7	22.2	-22.8
4	0	7	8.6	-8.8
0	0	7	66.9	-66.7
-2	0	7	119.8	-121.6
-4	0	7	16.2	-16.7
-6	0	7	10.4	9.0
2	8	7	5.9	5.2
-2	12	8	11.7	10.5
0	12	8	21.4	21.2
2	12	8	16.9	16.0
-2	10	8	10.0	8.4
-1	9	8	10.2	10.2
-3	9	8	27.5	29.1
-5	9	8	30.9	30.5
-4	8	8	16.3	17.1
-2	8	8	9.6	9.6
-1	7	8	13.4	-13.9
-3	7	8	12.4	-13.8
-5	7	8	8.9	-9.0
-4	6	8	11.3	-11.2
-2	6	8	28.3	28.3
0	6	8	53.7	54.9
2	6	8	30.9	30.5
4	6	8	25.3	24.1
-3	5	8	21.7	-22.7
-5	5	8	13.4	-12.5
-4	4	8	27.8	26.7
-2	4	8	12.2	13.6
0	4	8	10.9	-10.0
4	4	8	10.8	-9.7
-3	3	8	59.3	59.2
-5	3	8	53.8	52.8
-7	3	8	14.5	12.1
-6	2	8	14.5	13.9
-4	2	8	12.5	13.2
-2	2	8	21.9	23.3
2	2	8	23.5	-23.9
-1	1	8	12.6	-13.6
-3	1	8	25.7	-26.9
-5	1	8	15.9	-14.8
-8	0	8	21.4	20.1
-2	0	8	35.9	36.3
0	0	8	66.8	65.8
2	0	8	60.9	59.6

H	K	L	/FO/	/FC/
4	0	8	27.0	25.1
6	0	8	13.3	12.7
-3	9	9	32.8	-34.9
-1	9	9	33.1	-31.9
1	9	9	27.3	-26.1
3	9	9	20.7	-20.0
0	8	9	14.1	-13.7
-5	7	9	9.8	-10.9
4	6	9	13.8	-11.8
2	6	9	9.1	-8.8
-4	6	9	11.5	-11.1
-6	6	9	24.5	-22.2
-5	5	9	9.3	-8.5
0	4	9	20.7	-22.5
-5	3	9	23.5	-22.4
-3	3	9	54.8	-55.7
-1	3	9	60.1	-62.1
1	3	9	52.9	-53.1
3	3	9	29.7	-29.2
-2	2	9	21.0	-21.5
-6	2	9	13.7	13.9
-7	1	9	9.9	-9.3
-5	1	9	12.9	-12.4
6	0	9	21.6	-20.0
4	0	9	14.0	-13.0
0	0	9	25.8	-28.5
-6	0	9	39.7	-36.8
3	9	10	18.5	18.8
1	9	10	12.6	12.8
-4	8	10	8.6	-8.1
1	7	10	11.6	-10.8
-6	6	10	21.8	20.5
-4	6	10	31.8	31.5

H	K	L	/FO/	/FC/
-2	6	10	27.2	27.9
0	6	10	31.6	31.9
3	5	10	9.7	-10.0
-4	4	10	14.1	-14.5
4	4	10	11.8	10.1
5	3	10	20.2	18.5
3	3	10	34.8	33.1
1	3	10	14.4	15.0
-2	2	10	15.1	-16.2
2	2	10	15.2	14.6
3	1	10	10.0	-11.5
1	1	10	11.1	-11.2
-6	0	10	26.8	26.9
-4	0	10	31.3	31.6
-2	0	10	54.4	54.7
0	0	10	37.1	37.8
-3	9	11	17.6	-15.9
2	6	11	21.8	-20.7
0	6	11	34.1	-35.0
-2	6	11	14.0	-14.7
-1	5	11	11.7	-12.8
0	4	11	17.3	18.2
-2	4	11	10.9	11.4
-7	3	11	16.5	-16.0
-5	3	11	26.2	-25.4
-3	3	11	29.6	-32.4
1	3	11	10.3	9.6
5	3	11	17.8	-14.7
2	2	11	16.4	16.4
0	2	11	10.5	12.5
-1	1	11	10.5	-12.2
1	1	11	11.6	-10.2
2	0	11	34.2	-36.4

H	K	L	/FO/	/FC/
0	0	11	38.1	-39.3
-2	0	11	13.7	-15.6
0	8	11	11.8	11.2
-1	9	12	23.2	22.3
-3	9	12	26.6	24.2
2	6	12	27.2	26.6
0	4	12	12.9	12.5
-1	3	12	36.6	38.4
-3	3	12	34.0	35.3
-5	3	12	12.5	13.6
-4	2	12	10.5	10.8
-2	2	12	18.5	19.2
-1	1	12	8.9	-8.1
-6	0	12	21.2	21.3
-2	0	12	10.7	-9.2
0	0	12	21.7	20.9
2	0	12	33.0	30.7
4	0	12	18.9	18.3
-1	9	13	19.5	-17.9
-4	6	13	22.6	-22.3
-4	4	13	9.9	10.5
-1	3	13	33.1	-33.1
1	3	13	26.2	-25.2
0	0	13	13.7	12.5
-4	0	13	21.2	-22.1
-6	0	13	19.9	-19.3
-4	6	14	19.1	17.7
-2	6	14	21.3	21.7
-4	0	14	29.4	28.6
-2	0	14	25.3	26.4
1	3	14	10.5	9.3
2	0	15	11.8	-10.1
0	0	15	17.0	-15.3

SAMPLE M7 (2M1 POLYTYPE)

H	K	L	/FO/	/FC/
1	7	0	36.8	37.1
-5	9	1	24.2	24.7
-7	3	1	81.2	-82.9
-3	1	1	31.8	32.4
-2	12	2	79.6	-82.4
4	12	2	71.6	72.7
1	7	2	39.7	38.2
7	5	2	36.1	36.0
8	0	2	51.4	53.8
-8	0	4	63.3	67.6
-5	5	5	21.1	-21.1
-4	12	6	57.5	59.6
-4	10	7	19.2	-18.7
7	3	7	96.4	96.2
-6	4	8	17.1	-18.3
-2	12	10	90.6	-94.7
5	7	11	20.3	-19.8
2	12	12	80.3	-83.2
4	8	12	21.9	-22.9
0	12	14	60.8	61.3
0	12	16	54.7	55.6
-6	6	18	59.7	60.4
6	0	18	68.2	-67.2
-1	9	19	75.5	-77.1
-3	9	21	64.5	66.2
4	6	22	72.3	-72.4
-6	0	22	48.5	-49.6
1	9	23	70.0	70.3
4	0	24	100.0	96.6
-5	3	25	73.2	73.4
-2	6	26	98.8	96.0
2	6	26	78.2	75.0
-4	0	28	78.2	75.8
-2	0	30	29.6	-28.0
0	0	30	58.8	56.4
4	12	0	66.4	69.2
2	12	0	22.0	22.0
0	12	0	143.5	145.7
2	8	0	20.3	16.5
3	7	0	27.4	24.9
6	6	0	47.7	43.7
4	6	0	117.4	-115.9
2	6	0	108.3	-110.1
0	6	0	327.5	-324.6
1	5	0	42.9	45.8
3	5	0	20.9	20.3
0	4	0	40.1	-42.0
6	2	0	22.1	16.4
2	2	0	51.9	51.5
0	2	0	40.9	-44.1

H	K	L	/FO/	/FC/
1	1	0	66.5	-67.9
6	0	0	84.7	-88.6
4	0	0	228.6	226.8
2	0	0	70.0	69.1
-1	11	1	23.7	-19.7
-3	11	1	16.8	-11.3
0	10	1	19.4	-14.9
3	9	1	49.2	-50.8
1	9	1	117.9	115.7
-1	9	1	35.1	35.6
-3	9	1	157.2	159.0
-2	8	1	26.3	-24.0
-3	7	1	20.7	-21.9
-3	5	1	25.7	26.5
-6	4	1	33.1	30.4
-2	4	1	46.1	45.1
0	4	1	82.2	-80.3
2	4	1	19.1	19.2
4	4	1	27.4	-27.2
7	3	1	80.5	82.1
5	3	1	35.6	-35.6
3	3	1	142.7	138.6
1	3	1	271.4	-268.4
-1	3	1	68.2	-67.3
-3	3	1	331.5	-328.7
-5	3	1	36.3	-38.9
-4	2	1	35.9	40.2
-2	2	1	84.0	-80.1
0	2	1	47.1	46.4
2	2	1	85.3	-82.3
6	2	1	29.9	-29.2
7	1	1	24.9	-22.0
5	1	1	20.6	-17.3
1	1	1	20.0	17.8
-1	1	1	32.3	31.1
3	5	1	15.5	-17.6
-4	10	1	20.7	-18.1
4	10	2	15.8	-14.6
0	10	2	11.2	-11.0
-5	7	2	34.7	-32.5
3	7	2	27.1	29.4
5	7	2	42.2	43.7
4	6	2	147.2	-149.3
2	6	2	38.3	39.8
0	6	2	138.5	-136.5
-2	6	2	228.8	227.0
-6	6	2	150.2	150.8
-5	5	2	20.1	-20.3
-3	5	2	35.3	-38.1
3	5	2	65.6	68.4

H	K	L	/FO/	/FC/
5	5	2	37.8	35.9
4	4	2	25.5	28.3
0	4	2	53.6	54.2
-6	4	2	19.7	-19.9
6	2	2	16.2	-14.0
4	2	2	21.1	-22.7
2	2	2	40.0	-40.9
-2	2	2	42.2	-39.6
-5	1	2	33.3	30.6
-3	1	2	33.6	34.5
1	1	2	39.5	-39.2
3	1	2	80.2	-79.2
5	1	2	53.3	-51.0
7	1	2	41.5	-38.1
4	0	2	196.4	193.2
2	0	2	24.6	22.1
0	0	2	152.9	156.2
-2	0	2	271.3	-269.4
-4	0	2	114.5	-111.3
-6	0	2	162.5	-164.8
-4	6	2	36.7	37.7
0	12	3	25.8	27.2
3	11	3	12.0	-13.0
1	11	3	29.7	-25.5
-2	10	3	22.2	-22.8
0	10	3	29.7	-29.5
2	10	3	27.0	-25.3
4	10	3	28.7	-27.6
5	9	3	69.5	68.3
3	9	3	38.9	-36.8
1	9	3	146.7	148.0
-1	9	3	38.0	-40.7
-3	9	3	84.7	86.2
-5	9	3	85.3	-82.1
-2	8	3	27.6	-25.5
0	8	3	40.5	-39.0
2	8	3	40.8	-40.9
4	8	3	27.3	-27.1
5	7	3	29.3	-31.0
3	7	3	24.1	-22.9
1	7	3	48.0	-51.5
-3	7	3	14.5	-12.7
-2	6	3	31.4	-32.3
5	5	3	25.8	24.8
3	5	3	48.6	50.5
1	5	3	30.5	30.3
-1	5	3	31.7	32.4
-4	4	3	18.0	19.7
-2	4	3	46.5	46.9
0	4	3	68.8	69.2

H	K	L	/FO/	/FC/
2	4	3	64.5	64.4
4	4	3	42.3	39.9
6	4	3	33.0	30.2
7	3	3	35.3	34.8
5	3	3	79.1	-79.0
3	3	3	58.3	59.3
1	3	3	246.7	-244.6
-1	3	3	24.6	-20.4
-3	3	3	142.3	-139.7
-5	3	3	116.8	115.3
-2	2	3	81.0	80.8
0	2	3	92.5	93.2
2	2	3	53.7	55.1
4	2	3	64.0	62.4
6	2	3	20.9	19.9
5	1	3	38.1	36.4
3	1	3	57.2	56.8
1	1	3	67.9	69.1
-1	1	3	36.3	36.9
-5	1	3	20.5	-15.7
2	12	4	73.4	-71.2
-2	12	4	77.4	-78.8
-3	11	4	27.9	24.8
-1	11	4	20.6	23.3
1	11	4	55.5	52.3
3	11	4	29.2	27.1
0	10	4	23.1	20.8
-2	10	4	27.5	23.8
2	8	4	30.3	-28.6
0	8	4	23.1	-23.1
-2	8	4	29.0	-28.7
-3	7	4	40.3	-40.2
-1	7	4	45.9	-44.6
1	7	4	96.2	-93.7
3	7	4	45.0	-44.0
5	7	4	38.3	-38.2
6	6	4	64.0	61.8
4	6	4	64.5	-65.2
2	6	4	166.3	163.8
0	6	4	60.5	-58.6
-2	6	4	196.2	192.7
-4	6	4	32.8	-37.4
-5	5	4	18.5	-17.8
-3	5	4	19.3	-21.1
-1	5	4	104.3	-102.6
1	5	4	86.6	-86.0
3	5	4	81.5	-84.1
5	5	4	31.5	-33.4
6	4	4	20.5	-20.6
2	4	4	51.6	-52.2

H	K	L	/FO/	/FC/
0	4	4	23.4	-24.1
-2	4	4	56.9	-59.5
4	2	4	34.9	31.6
2	2	4	15.4	16.3
0	2	4	81.3	81.8
-2	2	4	39.3	38.8
-5	1	4	14.9	14.2
-3	1	4	38.4	38.0
-1	1	4	132.0	133.5
1	1	4	148.5	152.4
3	1	4	102.2	99.5
5	1	4	45.3	46.5
6	0	4	49.8	-46.7
4	0	4	55.5	54.4
2	0	4	121.0	-116.6
0	0	4	18.4	18.7
-2	0	4	247.5	-245.8
-4	0	4	35.2	35.4
-6	0	4	52.4	-55.2
-2	12	5	12.1	12.8
0	12	5	32.6	28.8
2	12	5	15.2	17.2
1	11	5	24.5	23.2
-1	11	5	18.7	16.8
-3	11	5	22.9	20.9
-4	10	5	37.5	37.7
-2	10	5	31.0	27.3
0	10	5	40.9	37.8
5	9	5	39.6	41.4
3	9	5	50.0	-49.5
1	9	5	66.3	61.2
-1	9	5	88.4	-84.3
-5	9	5	76.8	-81.1
-4	8	5	36.9	33.5
-2	8	5	61.1	59.1
0	8	5	29.0	24.5
2	8	5	42.0	42.0
3	7	5	24.3	25.5
1	7	5	38.9	39.1
-1	7	5	42.4	41.2
-3	7	5	33.0	31.9
3	5	5	28.5	-29.1
1	5	5	46.0	-44.0
-1	5	5	62.9	-63.5
-3	5	5	25.7	-28.3
-6	4	5	36.9	-35.0
-4	4	5	45.4	-44.9
-2	4	5	106.7	-108.8
0	4	5	12.4	-11.5
2	4	5	79.8	-79.5

H	K	L	/FO/	/FC/
6	4	5	22.6	-19.7
7	3	5	37.7	37.8
5	3	5	78.6	-73.8
3	3	5	83.4	83.2
1	3	5	244.3	-244.1
-1	3	5	118.4	118.5
-3	3	5	60.1	-59.2
-5	3	5	151.8	150.7
-6	2	5	24.5	-21.9
-4	2	5	91.6	-90.5
-2	2	5	33.6	-35.7
0	2	5	149.8	-147.4
2	2	5	13.5	11.9
4	2	5	45.5	-44.8
3	1	5	43.3	-43.0
1	1	5	73.6	-76.2
-1	1	5	89.8	-90.6
-3	1	5	44.1	-43.7
-5	1	5	29.9	-25.6
2	12	6	44.7	-42.5
0	12	6	67.4	66.0
-2	12	6	29.8	-27.7
-3	11	6	34.2	-33.4
-1	11	6	33.8	-32.1
1	11	6	22.9	-20.1
-4	10	6	21.9	-21.7
-2	8	6	30.4	29.2
-4	8	6	18.8	16.7
-5	7	6	26.5	27.9
-3	7	6	57.2	56.5
-1	7	6	53.5	55.2
1	7	6	37.6	35.7
6	6	6	63.9	63.1
4	6	6	35.7	-34.8
2	6	6	59.5	55.4
0	6	6	86.2	-84.6
-2	6	6	49.5	50.1
-4	6	6	77.9	-80.9
-5	5	6	41.2	40.1
-3	5	6	64.3	67.4
-1	5	6	80.5	79.9
1	5	6	59.7	58.4
2	4	6	23.4	24.8
-2	4	6	47.1	47.3
-4	4	6	24.6	23.2
-6	4	6	26.5	26.1
6	2	6	19.1	17.0
4	2	6	17.0	-15.3
2	2	6	29.4	31.1
0	2	6	63.5	-63.6

H	K	L	/FO/	/FC/
-4	2	6	56.4	-57.4
-7	1	6	23.9	-25.3
-5	1	6	47.7	-46.4
-3	1	6	92.6	-89.3
-1	1	6	121.4	-122.8
1	1	6	86.6	-87.1
3	1	6	24.2	-23.3
6	0	6	106.2	-108.0
4	0	6	111.6	112.0
2	0	6	187.0	-187.5
0	0	6	257.7	263.0
-2	0	6	245.2	-246.8
-4	0	6	160.0	159.5
-6	0	6	39.5	-38.7
3	9	6	19.7	-19.7
0	12	7	20.2	20.5
2	10	7	19.2	17.6
3	9	7	81.9	-82.5
1	9	7	33.1	31.8
-1	9	7	79.3	-75.1
-3	9	7	49.6	49.2
-5	9	7	28.9	-31.4
-2	8	7	24.9	-24.2
0	8	7	21.2	20.6
-1	7	7	22.6	-22.3
-3	7	7	24.2	-22.4
3	5	7	18.6	-17.8
-1	5	7	16.4	16.7
-3	5	7	27.5	30.1
-5	5	7	20.4	18.5
-6	4	7	50.5	49.6
-2	4	7	50.8	51.5
0	4	7	51.4	-53.8
4	4	7	23.9	-23.5
3	3	7	156.1	158.3
1	3	7	121.2	-124.9
-1	3	7	190.4	188.9
-3	3	7	83.6	-82.6
-5	3	7	70.9	68.8
-7	3	7	62.9	-65.0
-6	2	7	23.3	22.9
-4	2	7	62.4	60.1
-2	2	7	37.4	-36.4
0	2	7	53.3	52.2
2	2	7	50.3	-52.6
6	2	7	22.7	-19.1
3	1	7	13.4	-14.5
1	1	7	25.2	25.9
-1	1	7	35.3	36.0
-3	1	7	43.3	44.3

H	K	L	/FO/	/FC/
-5	1	7	23.6	21.1
-7	1	7	23.0	20.9
0	12	8	69.3	69.2
-2	12	8	34.7	-32.0
1	11	8	25.0	-22.7
-5	7	8	23.2	-24.5
-1	7	8	17.7	-16.7
1	7	8	29.3	30.5
5	7	8	23.6	23.7
6	6	8	25.9	-26.7
4	6	8	165.8	-170.2
0	6	8	161.1	-161.6
-2	6	8	112.9	109.3
-4	6	8	73.1	-74.8
-6	6	8	62.7	61.7
-3	5	8	28.6	-29.5
3	5	8	38.6	39.5
0	4	8	29.0	27.3
2	2	8	15.6	-16.7
-2	2	8	28.1	-29.4
-7	1	8	17.0	16.6
-5	1	8	29.8	28.8
-3	1	8	27.5	29.0
-1	1	8	20.7	21.3
3	1	8	37.2	-36.4
5	1	8	18.3	-17.5
6	0	8	34.7	36.2
4	0	8	223.7	221.8
2	0	8	29.8	26.4
0	0	8	129.2	131.5
-2	0	8	126.3	-127.5
-4	0	8	61.3	57.1
-6	0	8	50.6	-47.2
0	8	8	17.1	17.5
-2	10	9	24.2	-21.5
0	10	9	17.5	-17.2
1	9	9	168.7	170.1
-3	9	9	113.2	114.1
-5	9	9	35.6	-35.0
-4	8	9	20.4	-18.6
-2	8	9	22.1	-21.5
0	8	9	21.4	-17.2
1	7	9	27.4	-27.0
3	5	9	17.9	17.6
-1	5	9	16.4	17.8
-4	4	9	24.0	24.9
-2	4	9	29.0	29.5
0	4	9	17.1	17.1
5	3	9	107.3	-106.3
3	3	9	44.7	-47.0

H	K	L	/FO/	/FC/
1	3	9	286.9	-287.3
-1	3	9	28.9	-26.4
-3	3	9	158.4	-159.1
-5	3	9	37.7	36.9
-7	3	9	41.8	-42.0
-2	2	9	38.1	40.7
0	2	9	19.4	16.8
2	2	9	16.4	-12.7
6	2	9	17.5	-18.1
3	1	9	13.7	12.4
1	1	9	16.4	15.9
0	12	10	22.0	-21.8
1	11	10	20.0	17.6
-3	7	10	22.4	-21.3
1	7	10	28.5	-29.2
4	6	10	55.7	-58.5
2	6	10	192.4	191.9
0	6	10	40.8	42.9
-2	6	10	223.8	221.9
-6	6	10	64.2	64.0
-5	5	10	16.6	-16.4
-1	5	10	33.1	-31.8
4	4	10	27.4	30.1
0	4	10	16.7	17.2
-2	4	10	21.8	-21.6
6	2	10	20.5	-19.6
2	2	10	29.4	-29.8
-4	2	10	17.2	17.1
-1	1	10	21.8	21.8
1	1	10	16.3	14.9
5	1	10	14.6	-12.6
4	0	10	36.6	34.9
2	0	10	236.7	-236.9
0	0	10	157.9	-158.4
-2	0	10	286.4	-286.8
-6	0	10	74.8	-77.6
1	3	10	20.8	-21.1
2	10	11	27.4	-27.1
1	9	11	63.0	59.9
-1	9	11	102.8	-101.7
-3	9	11	30.6	-31.2
0	8	11	31.8	-32.6
2	8	11	19.8	-17.2
4	8	11	36.9	-37.7
-6	4	11	25.2	-23.6
-2	4	11	20.8	-20.0
0	4	11	67.1	66.4
2	4	11	16.9	16.2
4	4	11	59.0	60.9
5	3	11	136.3	-136.8

H	K	L	/FO/	/FC/
1	3	11	121.9	-121.0
-1	3	11	233.0	236.6
-3	3	11	43.2	45.4
-5	3	11	174.3	170.9
-4	2	11	40.3	-38.0
-2	2	11	40.4	43.3
2	2	11	85.2	88.0
4	2	11	23.7	25.1
6	2	11	41.3	38.9
5	1	11	27.2	25.9
3	1	11	15.0	17.2
-2	6	11	25.7	26.5
1	11	12	20.4	17.3
2	10	12	29.2	29.4
-2	10	12	17.5	16.8
0	8	12	30.1	-29.9
-1	7	12	14.7	-15.4
1	7	12	31.8	-31.1
3	7	12	32.6	-31.6
5	7	12	32.1	-34.0
4	6	12	33.4	32.9
2	6	12	139.4	142.3
-2	6	12	36.1	37.0
-4	6	12	105.3	-104.7
-6	6	12	24.3	-25.3
-1	5	12	20.8	-20.0
1	5	12	32.7	-33.4
3	5	12	44.5	-42.9
5	5	12	33.5	-33.2
4	4	12	31.6	-31.8
2	4	12	27.2	-29.1
0	4	12	56.3	-56.6
6	2	12	21.1	21.3
2	2	12	63.0	64.3
0	2	12	13.5	15.3
-2	2	12	44.2	44.8
-1	1	12	19.9	21.0
1	1	12	40.4	42.9
3	1	12	49.9	49.5
5	1	12	42.6	43.0
6	0	12	100.9	-98.5
2	0	12	265.7	-268.9
0	0	12	112.4	113.2
-2	0	12	118.6	-121.1
-4	0	12	195.0	194.8
4	2	12	15.7	14.7
-2	10	13	37.7	37.3
0	10	13	34.9	33.7
2	10	13	37.1	38.9
3	9	13	74.5	-74.3

H	K	L	/FO/	/FC/
1	9	13	32.5	-30.5
-1	9	13	133.5	-133.8
-4	8	13	31.3	31.7
-2	8	13	30.1	29.6
0	8	13	64.0	61.9
2	8	13	31.1	32.2
4	8	13	24.8	25.4
3	7	13	20.4	19.2
1	7	13	27.4	27.7
-1	7	13	20.9	20.7
2	6	13	15.6	15.0
3	5	13	27.9	-28.6
1	5	13	25.4	-25.2
-1	5	13	23.7	-25.6
-4	4	13	47.3	-49.8
-2	4	13	36.6	-35.3
0	4	13	102.9	-104.6
2	4	13	43.5	-44.5
4	4	13	39.5	-38.4
5	3	13	57.4	-58.5
3	3	13	137.4	137.5
1	3	13	28.4	32.4
-1	3	13	265.3	268.4
-5	3	13	58.4	59.0
-2	2	13	99.0	-101.9
0	2	13	54.8	-57.1
2	2	13	92.7	-92.5
4	2	13	20.5	-20.0
3	1	13	33.6	-33.6
1	1	13	29.4	-32.5
-1	1	13	34.7	-33.8
-3	7	13	14.1	11.7
1	11	14	29.2	-29.2
0	10	14	19.6	-18.8
-2	10	14	25.5	-24.5
0	8	14	28.2	28.7
-2	8	14	22.3	24.4
-4	8	14	23.3	22.4
-3	7	14	40.0	41.2
-1	7	14	29.4	28.1
1	7	14	44.8	46.2
4	6	14	26.0	-27.0
2	6	14	69.2	69.0
0	6	14	136.3	-137.3
-4	6	14	135.0	-136.0
-5	5	14	24.6	25.3
-3	5	14	29.9	30.3
-1	5	14	56.6	56.6
1	5	14	33.5	34.2
3	5	14	35.9	37.9

H	K	L	/FO/	/FC/
0	4	14	47.7	48.3
-2	4	14	31.3	32.0
-4	4	14	40.0	39.7
2	2	14	24.4	-24.0
0	2	14	34.2	-35.6
-2	2	14	53.7	-56.1
-4	2	14	23.2	-23.3
-5	1	14	26.1	-24.0
-3	1	14	44.9	-45.3
-1	1	14	55.7	-59.5
1	1	14	52.8	-53.1
3	1	14	37.6	-39.3
6	0	14	72.1	-74.9
4	0	14	27.9	25.4
2	0	14	84.5	-86.1
0	0	14	145.7	148.5
-2	0	14	30.4	31.9
-4	0	14	144.0	146.1
-2	10	15	30.0	-30.0
3	9	15	90.0	-93.4
1	9	15	28.0	30.6
-1	9	15	59.6	-57.7
-3	9	15	98.9	98.6
-4	8	15	36.3	-37.2
-2	8	15	34.5	-34.7
0	8	15	18.3	-19.2
1	7	15	18.7	-17.2
-3	7	15	24.5	-25.8
-1	5	15	25.1	25.7
-3	5	15	17.3	17.5
-6	4	15	29.7	30.5
-4	4	15	52.3	52.5
-2	4	15	53.0	53.9
0	4	15	26.8	28.9
4	4	15	18.3	-19.0
3	3	15	136.9	138.1
-1	3	15	84.9	86.2
-3	3	15	137.2	-138.1
-5	3	15	30.8	-32.5
-6	2	15	42.8	42.4
-4	2	15	49.3	48.4
-2	2	15	63.7	65.5
0	2	15	34.9	36.7
1	1	15	16.3	16.0
-1	1	15	22.8	24.7
-3	1	15	25.5	26.1
-5	1	15	17.7	18.3
-5	5	15	17.7	17.6
-3	7	16	19.2	-19.3
4	6	16	82.9	-85.0

H	K	L	/FO/	/FC/
2	6	16	24.4	23.7
0	6	16	136.4	-138.1
-2	6	16	29.6	29.1
-4	6	16	57.4	-60.2
-5	5	16	25.2	-26.6
-1	5	16	21.0	-19.3
4	4	16	20.0	20.1
-2	4	16	17.7	-17.3
-4	4	16	18.1	-15.9
-6	4	16	20.8	-22.5
2	2	16	23.5	-25.2
-4	2	16	23.0	24.7
-6	2	16	19.4	22.3
-5	1	16	27.0	27.1
-3	1	16	15.9	16.4
-1	1	16	16.9	16.6
4	0	16	76.4	79.9
0	0	16	159.6	161.1
-4	0	16	70.4	71.7
-6	0	16	76.1	-74.5
0	4	16	18.0	15.2
3	7	16	17.4	17.9
1	9	17	84.1	86.2
-3	9	17	72.4	72.6
0	8	17	31.5	-31.4
0	4	17	51.6	51.4
4	4	17	29.6	30.0
5	3	17	73.8	-73.8
1	3	17	152.0	-152.0
-3	3	17	140.2	-139.8
-5	3	17	26.7	26.1
-4	2	17	20.3	-21.7
-2	2	17	35.5	36.3
2	2	17	49.7	51.1
-2	10	17	17.4	-17.9
0	8	18	17.3	-18.3
2	6	18	72.1	73.3
-2	6	18	80.3	81.6
0	4	18	22.5	-24.2
2	2	18	18.1	20.8
-2	2	18	31.5	32.3
4	0	18	25.9	27.0

H	K	L	/FO/	/FC/
2	0	18	138.9	-135.9
0	0	18	73.4	74.3
-2	0	18	155.2	-152.2
-4	0	18	25.7	23.8
-6	0	18	97.0	-97.5
0	8	19	17.7	18.1
-4	4	19	35.3	-35.9
0	4	19	23.7	-26.4
3	3	19	88.7	89.6
-1	3	19	139.6	136.2
-5	3	19	80.7	84.2
-2	2	19	39.6	-40.9
4	2	19	22.9	24.4
-1	7	20	16.9	-18.3
2	6	20	40.8	42.5
0	6	20	85.7	-88.7
-2	6	20	26.0	28.0
-4	6	20	74.8	-74.8
1	5	20	23.0	-23.2
-1	1	20	18.5	16.6
1	1	20	24.0	22.4
2	0	20	37.4	-40.0
0	0	20	102.2	101.6
-4	0	20	71.7	72.1
0	4	21	24.7	-25.6
2	4	21	26.9	-28.9
3	3	21	104.9	104.1
-1	3	21	38.6	40.9
-3	3	21	87.2	-90.3
0	2	21	26.2	-27.1
2	2	21	38.5	-39.6
4	2	21	20.1	-23.5
1	1	21	15.6	-15.0
-1	7	22	24.3	26.6
0	6	22	105.4	-105.7
-2	6	22	22.3	24.6
-3	5	22	27.4	28.3
-1	5	22	18.0	20.1
1	5	22	24.3	27.5
0	4	22	27.3	28.0
2	2	22	26.9	-27.1

H	K	L	/FO/	/FC/
0	2	22	16.0	-16.4
-3	1	22	30.0	-29.3
-1	1	22	28.0	-28.0
1	1	22	27.5	-29.1
3	1	22	20.9	-20.7
4	0	22	72.6	70.2
2	0	22	29.0	27.3
0	0	22	116.5	112.6
-4	0	22	39.8	40.7
-4	4	23	21.4	23.7
-2	4	23	23.3	21.1
0	4	23	48.2	46.7
3	3	23	25.2	24.9
1	3	23	111.4	-115.3
-1	3	23	24.7	-25.3
-3	3	23	105.6	-104.8
-2	2	23	48.0	47.2
0	2	23	25.5	24.1
2	2	23	41.5	39.3
-3	1	23	16.8	16.5
-1	1	23	16.7	16.5
0	6	24	26.1	-25.7
-2	6	24	68.5	69.2
0	4	24	21.7	-18.6
-2	2	24	28.0	26.8
-3	1	24	18.4	21.9
-1	1	24	16.6	16.6
2	0	24	23.5	-22.3
0	0	24	65.4	62.6
-2	0	24	118.0	-116.4
1	3	25	108.6	-106.2
-1	3	25	21.0	22.4
-3	3	25	26.6	-25.8
-2	2	25	27.8	-25.6
-1	1	26	15.1	18.1
1	1	26	22.2	20.7
2	0	26	91.9	-87.9
0	0	26	42.5	-40.0
-2	0	26	111.6	-107.0
-1	3	27	92.5	87.8
0	0	28	31.1	31.1