AM-76-029

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Gerstmannite, a new manganese magnesium zinc silicate with a novel cubic close-packed oxide structure

Table 6. Observed and calculated structure factors for gerstmannite

American Mineralogist, 62 pages 51-59

GERSTMANNITE

ZINC MN MG BASIC SILICATE

SHEET NO. 1 PART 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
12	0	0	75.5	70.4	2	25	0	84.0	82.9	1	1	1	86.1	93.2	2	1	2	189.2	205.7
12	1	0	37.7	34.7	2	26	0	53.1	55.1	1	2	1	83.1	80.3	2	2	2	132.2	144.7
12	2	0	34.3	33.1	2	27	0	77.1	77.2	1	3	1	27.4	22.3	2	3	2	132.3	138.1
12	3	0	54.4	50.3	2	28	0	14.2	13.6	1	4	1	93.1	86.1	2	4	2	92.5	91.4
12	4	0	9.4	11.2	2	29	0	51.3	51.1	1	5	1	140.9	137.2	2	5	2	111.6	116.5
12	5	0	31.4	30.2	0	2	0	110.9	107.4	1	6	1	5.7	1.7	2	6	2	5.9	6.7
12	6	0	38.6	37.7	0	4	0	94.0	99.8	1	7	1	68.8	67.6	2	7	2	147.4	152.0
12	7	0	20.5	19.5	0	6	0	122.6	129.8	1	8	1	8.6	8.1	2	8	2	89.2	93.1
12	8	0	43.1	42.4	0	8	0	294.1	270.5	1	9	1	172.3	168.1	2	9	2	176.3	178.7
12	9	0	58.8	56.0	0	10	0	62.3	69.7	1	10	1	14.3	12.0	2	10	2	205.2	207.1
12	10	0	38.9	40.3	0	12	0	365.5	350.7	1	11	1	75.9	75.2	2	11	2	165.7	169.2
12	11	0	67.6	62.7	0	14	0	66.3	67.6	1	12	1	48.0	48.7	2	12	2	78.2	79.5
12	12	0	38.0	37.2	0	16	0	55.9	54.0	1	13	1	92.4	92.6	2	13	2	121.6	123.6
10	0	0	46.7	48.5	0	18	0	33.7	30.8	1	14	1	67.3	67.5	2	14	2	65.7	62.8
10	1	0	30.4	31.1	0	20	0	190.5	186.8	1	15	1	49.3	49.3	2	15	2	74.7	75.6
10	2	0	64.3	62.0	0	22	0	110.7	109.1	1	16	1	13.8	14.5	2	16	2	17.7	10.6
10	3	0	31.9	31.8	0	24	0	66.9	70.3	1	17	1	32.3	31.5	2	17	2	74.7	75.6
10	4	0	50.3	50.4	0	26	0	7.8	8.5	1	18	1	43.7	44.2	2	18	2	66.5	67.7
10	5	0	34.6	34.5	0	28	0	93.2	95.5	1	19	1	33.7	34.6	2	19	2	107.4	110.2
10	6	0	116.0	112.0	13	1	1	15.9	16.2	1	20	1	4.9	5.8	2	20	2	57.4	59.7
10	7	0	5.7	1.6	13	2	1	30.7	28.2	1	21	1	25.0	24.8	2	21	2	110.2	111.2
10	8	0	88.9	86.6	11	1	1	46.0	45.1	1	22	1	6.5	5.5	2	22	2	53.9	52.0
10	9	0	5.6	4.4	11	2	1	31.0	28.5	1	23	1	11.9	11.7	2	23	2	67.6	66.7
10	10	0	7.2	6.0	11	3	1	30.6	30.2	1	24	1	14.3	12.0	2	24	2	59.9	63.8
10	11	0	16.1	16.4	11	4	1	8.4	6.1	1	25	1	47.5	48.0	2	25	2	33.4	32.1
10	12	0	17.1	15.8	11	5	1	38.2	36.4	1	26	1	12.0	8.2	2	26	2	7.5	3.5
10	13	0	29.4	30.7	11	6	1	25.1	24.2	1	27	1	12.1	11.2	2	27	2	35.9	37.0
10	14	0	116.9	112.4	11	7	1	24.1	23.4	1	28	1	37.7	37.9	2	28	2	24.0	22.5
10	15	0	5.6	0.8	11	8	1	8.1	8.3	1	29	1	46.4	46.5	2	29	2	53.4	53.5
10	16	0	44.9	44.8	11	9	1	7.6	8.8	12	0	2	13.7	11.1	0	2	2	139.9	145.6
10	17	0	23.6	24.5	11	10	1	7.3	1.0	12	1	2	36.1	32.9	0	4	2	467.6	421.0
10	18	0	31.3	26.6	11	11	1	23.4	22.4	12	2	2	9.6	10.1	0	6	2	123.2	110.2
10	19	0	7.8	4.9	11	12	1	13.8	14.0	12	3	2	40.0	36.2	0	8	2	236.1	230.5
8	0	0	193.8	197.0	11	13	1	5.6	1.7	12	4	2	74.3	70.4	0	10	2	153.1	154.7
8	1	0	165.2	171.1	11	14	1	18.3	17.0	12	5	2	74.9	70.6	0	12	2	196.1	196.1
8	2	0	41.7	41.3	11	15	1	29.8	27.8	12	6	2	32.7	34.2	0	14	2	63.8	73.5
8	3	0	67.4	69.4	11	16	1	5.7	7.9	12	7	2	81.1	75.8	0	16	2	228.4	230.3
8	4	0	4.9	4.6	9	1	1	50.2	50.3	12	8	2	34.6	32.6	0	18	2	80.8	77.9
8	5	0	30.9	31.5	9	2	1	17.6	17.4	12	9	2	17.3	18.0	0	20	2	76.6	78.7
8	6	0	25.0	27.3	9	3	1	33.8	33.6	12	10	2	18.4	16.5	0	22	2	18.1	17.8
8	7	0	69.4	70.9	9	4	1	38.5	38.4	10	0	2	55.4	52.9	0	24	2	157.7	162.7
8	8	0	76.5	77.5	9	5	1	37.3	36.0	10	1	2	5.6	2.6	0	26	2	58.7	59.7
8	9	0	96.1	95.9	9	6	1	5.4	5.5	10	2	2	79.4	76.5	0	28	2	30.9	31.2

8	10	0	40.6	42.8	9	7	1	5.4	4.9	10	3	2	30.1	30.2	11	1	3	31.7	30.1
8	11	0	101.0	102.2	9	8	1	48.8	49.3	10	4	2	65.8	65.3	11	2	3	38.7	38.0
8	12	0	87.6	89.2	9	9	1	46.8	47.8	10	5	2	7.2	4.7	11	3	3	34.5	32.5
8	13	0	89.8	90.4	9	10	1	15.5	16.3	10	6	2	39.4	37.6	11	4	3	5.6	5.2
8	14	0	5.5	5.1	9	11	1	17.4	17.0	10	7	2	21.2	22.3	11	5	3	46.2	44.2
8	15	0	30.6	30.2	9	12	1	37.6	38.7	10	8	2	22.4	22.6	11	6	3	25.5	24.8
8	16	0	14.6	14.2	9	13	1	7.7	9.0	10	9	2	5.8	5.7	11	7	3	9.3	9.9
8	17	0	5.5	6.5	9	14	1	32.3	32.2	10	10	2	126.7	120.3	11	8	3	7.0	4.6
8	18	0	31.5	33.6	9	15	1	42.5	40.5	10	11	2	13.0	15.6	11	9	3	5.5	4.5
8	19	0	46.8	47.2	9	16	1	18.0	17.9	10	12	2	70.2	69.5	11	10	3	11.6	8.0
8	20	0	67.3	67.3	9	17	1	5.6	0.5	10	13	2	8.4	8.4	11	11	3	12.9	11.4
8	21	0	83.7	82.3	9	18	1	13.9	15.7	10	14	2	5.6	4.9	11	12	3	7.8	9.3
8	22	0	6.8	15.0	9	19	1	43.9	42.7	10	15	2	8.5	8.2	11	13	3	8.2	11.6
8	23	0	54.4	52.5	9	20	1	5.6	3.9	10	16	2	46.5	45.9	9	1	3	39.4	37.8
6	0	0	33.7	39.8	9	21	1	8.8	9.5	10	17	2	5.9	1.5	9	2	3	5.3	2.1
6	1	0	67.1	71.8	7	1	1	31.1	30.9	10	18	2	78.2	75.3	9	3	3	39.5	38.9
6	2	0	67.7	69.5	7	2	1	16.1	16.7	8	0	2	37.6	41.0	9	4	3	18.6	19.3
6	3	0	37.7	41.8	7	3	1	33.3	36.1	8	1	2	48.6	51.0	9	5	3	38.9	40.0
6	4	0	220.8	230.4	7	4	1	14.1	15.5	8	2	2	5.4	4.7	9	6	3	5.4	2.1
6	5	0	59.5	65.0	7	5	1	81.7	84.2	8	3	2	95.0	97.0	9	7	3	14.3	11.6

6	6	0	106.8	113.4	7	6	1	16.9	14.5	8	4	2	135.5	137.6	9	8	3	28.7	27.9
6	7	0	73.8	77.4	7	7	1	31.8	33.7	8	5	2	87.1	88.1	9	9	3	36.2	36.1
6	8	0	43.9	49.5	7	8	1	38.7	38.8	8	6	2	62.8	62.6	9	10	3	5.4	3.1
6	9	0	38.0	40.3	7	9	1	79.8	81.4	8	7	2	52.4	52.8	9	11	3	10.0	8.2
6	10	0	95.8	95.3	7	10	1	10.9	14.4	8	8	2	53.1	51.1	9	12	3	29.1	29.5
6	11	0	45.4	47.7	7	11	1	61.7	62.4	8	9	2	66.3	67.3	9	13	3	13.3	13.7
6	12	0	81.8	85.5	7	12	1	21.2	24.3	8	10	2	13.7	14.7	9	14	3	13.0	13.8
6	13	0	88.8	93.9	7	13	1	72.5	74.0	8	11	2	80.2	81.9	9	15	3	45.2	44.4
6	14	0*	5.4	14.5	7	14	1	11.6	11.2	8	12	2	28.1	27.3	9	16	3	23.7	25.0
6	15	0*	83.3	83.5	7	15	1	22.2	22.6	8	13	2	68.2	70.1	9	17	3	9.2	5.3
6	16	0	142.0	141.4	7	16	1	10.3	7.8	8	14	2	25.8	25.3	9	18	3	8.4	8.2
6	17	0	37.8	39.3	7	17	1	31.1	31.8	8	15	2	77.9	78.2	9	19	3	34.9	34.3
6	18	0	96.3	99.4	7	18	1	7.2	9.8	8	16	2	74.6	76.3	7	1	3	15.5	17.2
6	19	0	27.5	28.2	7	19	1	7.0	10.3	8	17	2	80.9	79.6	7	2	3	34.8	36.3
6	20	0	10.3	14.1	7	20	1	7.5	10.4	8	18	2	9.8	11.3	7	3	3	7.6	7.9
6	21	0	37.8	38.7	7	21	1	17.8	20.7	8	19	2	40.7	39.0	7	4	3	4.9	6.4
6	22	0	12.3	14.5	7	22	1	7.3	2.8	8	20	2	10.8	14.0	7	5	3	83.1	84.0
6	23	0	41.0	40.3	7	23	1	9.7	8.8	8	21	2	29.4	29.0	7	6	3	15.4	16.3
6	24	0	86.0	84.3	7	24	1	7.4	7.4	8	22	2	25.7	27.7	7	7	3	35.9	37.1
6	25	0	40.8	42.6	7	25	1	29.6	28.7	8	23	2	59.5	60.5	7	8	3	15.5	13.8
6	26	0	30.0	28.6	5	1	1	82.8	89.1	6	0	2	160.4	170.8	7	9	3	50.5	51.6
4	0	0	177.2	177.0	5	2	1	54.6	60.9	6	1	2	122.6	131.8	7	10	3	4.9	1.4
4	1	0	43.6	51.1	5	3	1	42.7	45.7	6	2	2	71.5	75.3	7	11	3	42.9	45.6
4	2	0	274.4	280.7	5	4	1	5.1	6.4	6	3	2	87.7	92.7	7	12	3	14.9	14.7
4	3	0	91.9	96.5	5	5	1	70.0	73.8	6	4	2	31.7	36.9	7	13	3	70.8	71.4
4	4	0	111.3	123.9	5	6	1	40.7	43.9	6	5	2	14.2	13.7	7	14	3	27.5	28.1
4	5	0	93.0	98.3	5	7	1	17.4	19.1	6	6	2	68.7	69.1	7	15	3	34.3	36.5
4	6	0	64.0	64.5	5	8	1	50.6	52.5	6	7	2	6.9	8.9	7	16	3	16.2	17.9
4	7	0	79.6	84.4	5	9	1	91.5	94.7	6	8	2	167.4	172.7	7	17	3	17.4	19.2
4	8	0	40.7	48.1	5	10	1	16.3	15.1	6	9	2	90.9	93.8	7	18	3	14.9	16.0
4	9	0	98.6	102.7	5	11	1	33.3	32.6	6	10	2	23.7	20.5	7	19	3	9.1	7.2
4	10	0	297.3	294.8	5	12	1	19.5	19.9	6	11	2	113.2	114.8	7	20	3	5.5	3.5
4	11	0	90.8	93.6	5	13	1	25.0	26.5	6	12	2	81.6	80.9	7	21	3	5.6	6.9
4	12	0	10.2	13.7	5	14	1	12.4	15.2	6	13	2	43.7	44.8	7	22	3	8.4	3.1
4	13	0	48.4	51.6	5	15	1	55.4	55.8	6	14	2	119.7	119.1	7	23	3	14.8	16.6
4	14	0	91.8	91.2	5	16	1	5.0	3.3	6	15	2	5.5	4.5	5	1	3	65.0	72.4
4	15	0	54.2	55.7	5	17	1	5.5	2.3	6	16	2	32.4	33.5	5	2	3	72.9	79.9
4	16	0*	40.8	45.4	5	18	1	34.3	35.6	6	17	2	10.5	11.4	5	3	3	72.4	77.7
4	17	0*	83.7	82.1	5	19	1	54.0	56.5	6	18	2	11.3	12.8	5	4	3	28.4	31.4
4	18	0	163.0	163.3	5	20	1	29.2	28.6	6	19	2*	32.4	30.4	5	5	3	67.8	69.1
4	19	0	69.7	71.8	5	21	1	15.1	17.8	6	20	2	132.8	134.1	5	6	3	40.4	41.8
4	20	0	34.2	37.7	5	22	1	41.7	42.1	6	21	2	44.6	47.6	5	7	3	13.4	13.3
4	21	0	49.5	48.3	5	23	1	23.7	25.9	6	22	2	47.0	50.1	5	8	3	66.7	68.3
4	22	0	79.4	81.5	5	24	1	30.6	29.0	6	23	2	51.4	52.3	5	9	3	47.1	48.1
4	23	0	37.7	37.3	5	25	1	31.5	32.5	6	24	2	10.1	6.4	5	10	3	27.7	28.6
4	24	0	43.8	39.8	5	26	1	15.4	15.1	6	25	2	24.4	27.1	5	11	3	22.8	22.1
4	25	0	25.1	22.8	5	27	1	20.5	20.9	4	0	2	124.9	139.0	5	12	3	23.6	24.1
4	26	0	51.1	53.1	3	1	1	133.2	138.1	4	1	2	62.3	68.3	5	13	3	19.0	21.1

8	10	0	40.6	42.8	9	7	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	27	0	21.4	20.8	3	2	1	5.5	2.0	4	2	2	122.8	130.4	5	14	3	29.3	32.1
4	28	0	16.3	16.5	3	3	1	71.4	73.4	4	3	2	91.2	100.1	5	15	3	70.3	71.5
2	0	0	111.6	118.7	3	4	1	9.9	9.6	4	4	2	14.3	15.1	5	16	3	12.1	12.1
2	1	0	97.6	112.6	3	5	1	124.8	125.6	4	5	2	145.6	153.3	5	17	3	7.0	6.7
2	2	0	92.9	102.4	3	6	1	15.2	17.6	4	6	2	405.5	399.9	5	18	3	37.1	38.5
2	3	0	243.8	242.9	3	7	1	48.5	50.2	4	7	2	137.5	140.4	5	19	3	55.0	55.7
2	4	0	123.8	127.7	3	8	1	86.7	85.6	4	8	2	46.6	53.4	5	20	3	39.9	39.7
2	5	0	314.9	298.0	3	9	1	57.2	54.4	4	9	2	46.5	48.1	5	21	3	7.1	1.5
2	6	0	7.7	11.1	3	10	1*	35.4	35.0	4	10	2	20.8	18.4	5	22	3	33.2	33.0
2	7	0	225.9	220.4	3	11	1	55.1	52.2	4	11	2	11.3	8.8	5	23	3	30.7	30.7
2	8	0	130.4	121.6	3	12	1	29.7	28.8	4	12	2	12.7	10.4	5	24	3	34.4	33.2
2	9	0	113.6	115.0	3	13	1	9.9	8.0	4	13	2	51.9	51.8	5	25	3	25.6	27.9
2	10	0	5.0	3.4	3	14	1	8.9	7.1	4	14	2	180.1	179.1	5	26	3	5.6	3.7
2	11	0	67.4	70.0	3	15	1	71.5	70.6	4	15	2	79.0	79.6	3	1	3	104.2	113.7
2	12	0	38.0	33.6	3	16	1	8.6	6.5	4	16	2	49.2	49.4	3	2	3	19.1	17.3
2	13	0	103.2	103.8	3	17	1	16.5	17.0	4	17	2	60.8	62.2	3	3	3	131.1	136.1
2	14	0	214.5	211.9	3	18	1*	13.2	4.2	4	18	2	87.8	92.3	3	4	3	8.3	8.9
2	15	0*	157.5	157.9	3	19	1	83.2	81.9	4	19	2	42.1	44.1	3	5	3	108.1	106.9
2	16	0*	38.0	33.2	3	20	1	16.9	17.8	4	20	2	15.4	16.7	3	6	3	9.0	9.0
2	17	0	145.4	145.1	3	21	1	30.2	32.5	4	21	2	24.1	24.9	3	7	3	44.4	46.1

2	18	0	21.4	19.8	3	22	1	19.0	18.7	4	22	2	67.0	66.6	3	8	3	47.6	48.6
2	19	0	74.9	73.7	3	23	1	63.1	63.5	4	23	2	15.2	15.2	3	9	3	10.6	9.0
2	20	0	86.1	84.9	3	24	1	23.8	22.4	4	24	2	17.4	18.1	3	10	3	15.1	14.4
2	21	0	32.9	32.4	3	25	1	11.7	12.6	4	25	2	38.1	34.7	3	11	3	33.4	33.6
2	22	0	57.0	57.8	3	26	1	8.4	1.7	4	26	2	87.2	85.4	3	12	3	21.7	20.9
2	23	0	53.3	53.6	3	27	1	24.7	25.0	4	27	2	54.8	52.3	3	13	3	10.4	2.1
2	24	0	21.6	16.0	3	28	1	8.3	8.3	2	0	2	118.0	119.4	3	14	3	17.0	17.7

ZINC MN MG BASIC SILICATE

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FC	FC	H	K	L	FO	FC
3	15	3	96.0	96.1	2	6	4	70.7	73.4	1	15	5	11.0	10.6	5	6	7	22.9	23.5
3	16	3	13.0	12.7	2	7	4	148.8	149.4	1	16	5	10.1	8.6	5	7	7	9.0	8.8
3	17	3	25.6	25.7	2	8	4	75.7	73.2	1	17	5	28.1	27.2	5	8	7	43.6	41.9
3	18	3	5.1	2.9	2	9	4	83.7	83.4	1	18	5	33.1	33.1	5	9	7	22.6	23.3
3	19	3	81.8	80.3	2	10	4	8.3	5.2	1	19	5	21.3	21.3	5	10	7	19.4	20.3
3	20	3	6.8	5.3	2	11	4	56.8	57.0	1	20	5	8.5	7.2	5	11	7	13.7	12.0
3	21	3	6.5	6.2	2	12	4	7.1	3.8	1	21	5	31.5	34.5	5	12	7	15.4	14.9
3	22	3	24.3	22.4	2	13	4	83.1	82.3	1	22	5	9.3	6.0	5	13	7	15.6	15.6
3	23	3	67.1	67.4	2	14	4	159.1	160.3	1	23	5	7.6	3.4	5	14	7	23.1	23.0
3	24	3	18.1	16.3	2	15	4	120.6	120.4	1	24	5	5.6	8.3	5	15	7	48.3	49.5
3	25	3	5.5	6.5	2	16	4	18.9	18.7	1	25	5	43.3	43.3	5	16	7	7.0	10.3
3	26	3	5.6	4.6	2	17	4	111.4	110.3	10	0	6	35.1	32.5	5	17	7	5.4	6.7
3	27	3	9.0	7.6	2	18	4	7.2	3.3	10	1	6	5.6	7.2	3	1	7	51.1	54.8
1	1	3	70.4	77.3	2	19	4	57.8	57.5	10	2	6	61.6	57.4	3	2	7	8.0	7.3
1	2	3	50.0	52.4	2	20	4	65.6	65.8	10	3	6	23.8	22.9	3	3	7	74.1	75.9
1	3	3	76.8	73.3	2	21	4	29.6	28.5	10	4	6	44.8	44.2	3	4	7	4.8	4.8
1	4	3	57.5	57.1	2	22	4	42.1	41.9	10	5	6	12.1	13.0	3	5	7	55.6	55.9
1	5	3	116.1	113.1	2	23	4	47.0	47.2	10	6	6	34.6	31.1	3	6	7	5.4	3.4
1	6	3	5.1	2.1	2	24	4	21.6	21.4	10	7	6	12.7	8.7	3	7	7	23.3	23.4
1	7	3	45.3	44.3	2	25	4	70.9	70.2	8	0	6	36.5	39.1	3	8	7	22.3	21.5
1	8	3	6.0	7.0	2	26	4	48.4	50.6	8	1	6	22.8	22.6	3	9	7	12.7	11.6
1	9	3	72.4	74.6	2	27	4	65.2	64.0	8	2	6	10.9	8.8	3	10	7	4.8	5.4
1	10	3	12.8	12.8	0	2	4	75.9	81.4	8	3	6	65.4	65.3	3	11	7	14.6	16.1
1	11	3	52.5	54.5	0	4	4	75.5	75.5	8	4	6	86.7	86.5	3	12	7	14.1	12.1
1	12	3	40.7	40.9	0	6	4	117.2	119.6	8	5	6	70.1	70.0	3	13	7	4.9	2.5
1	13	3	66.9	66.7	0	8	4	204.3	199.8	8	6	6	31.2	32.0	3	14	7	13.7	12.4
1	14	3	51.4	52.2	0	10	4	45.5	49.9	8	7	6	44.3	44.2	3	15	7	64.6	65.0
1	15	3	83.2	83.2	0	12	4	228.0	225.8	8	8	6	29.8	28.6	3	16	7	9.6	9.9
1	16	3	14.6	14.2	0	14	4	61.0	59.8	8	9	6	44.9	43.3	3	17	7	19.9	18.1
1	17	3	18.9	19.3	0	16	4	48.4	47.0	8	10	6	14.3	14.9	3	18	7	8.8	5.0
1	18	3	35.5	37.0	0	18	4	10.3	10.3	8	11	6	46.7	46.6	3	19	7	53.3	50.5
1	19	3	39.5	40.2	0	20	4	148.2	144.8	8	12	6	7.6	9.8	3	20	7	5.4	0.4
1	20	3	5.3	0.4	0	22	4	88.7	85.1	8	13	6	43.9	42.4	1	1	7	28.1	32.1
1	21	3	7.4	2.7	0	24	4	46.3	48.4	8	14	6	11.2	12.9	1	2	7	21.5	25.0
1	22	3	6.8	3.3	0	26	4	10.8	10.2	8	15	6	61.5	59.7	1	3	7	34.7	34.3
1	23	3	22.2	21.5	11	1	5	45.7	43.8	6	0	6	119.2	123.4	1	4	7	26.0	27.3
1	24	3	8.3	9.7	11	2	5	13.0	14.4	6	1	6	63.3	66.2	1	5	7	56.5	56.4
1	25	3	33.8	34.5	11	3	5	22.7	20.0	6	2	6	42.1	44.3	1	6	7	4.9	3.9
1	26	3	5.6	5.2	11	4	5	11.2	11.7	6	3	6	55.6	57.0	1	7	7	25.7	25.1
1	27	3	10.2	7.7	11	5	5	22.3	21.6	6	4	6	20.8	21.5	1	8	7	8.2	7.8
1	28	3	35.9	34.9	11	6	5	16.3	17.7	6	5	6	19.6	21.3	1	9	7	34.1	33.7
12	0	4	64.9	59.4	9	1	5	41.7	43.1	6	6	6	28.8	29.7	1	10	7	9.0	6.9
12	1	4	36.4	33.7	9	2	5	23.2	22.3	6	7	6	15.0	15.7	1	11	7	26.4	27.6

12	2	4	25.4	24.9	9	3	5	22.3	20.3	6	8	6	109.5	110.8	1	12	7	24.9	22.6
10	0	4	38.4	38.2	9	4	5	38.5	38.1	6	9	6	55.1	56.3	1	13	7	38.2	37.9
10	1	4	19.7	19.0	9	5	5	22.1	22.1	6	10	6	14.5	14.6	1	14	7	29.2	28.3
10	2	4	56.7	53.9	9	6	5	5.4	5.4	6	11	6	63.5	62.5	1	15	7	57.1	57.2
10	3	4	26.3	25.9	9	7	5	5.4	1.4	6	12	6	65.8	64.9	1	16	7	9.5	7.9
10	4	4	40.0	38.8	9	8	5	46.9	47.1	6	13	6	23.3	22.3	1	17	7	13.1	9.8
10	5	4	18.7	21.7	9	9	5	39.8	41.2	6	14	6	78.8	78.6	1	18	7	22.2	22.0
10	6	4	100.3	95.3	9	10	5	20.0	19.3	6	15	6	5.4	5.7	1	19	7	27.3	26.5
10	7	4	5.7	5.6	9	11	5	18.9	18.7	6	16	6	22.8	20.3	1	20	7	5.4	2.1
10	8	4	72.9	70.5	9	12	5	31.9	32.5	6	17	6	19.0	17.8	1	21	7	5.5	7.5
10	9	4	5.6	1.5	9	13	5	5.5	3.2	6	18	6	5.4	3.9	6	0	8	33.0	33.9
10	10	4	5.6	4.3	9	14	5	33.8	34.4	6	19	6	28.2	25.6	6	1	8	15.5	13.4
10	11	4	5.6	7.0	9	15	5	29.9	28.1	4	0	6	90.9	98.6	6	2	8	27.6	27.9
10	12	4	11.9	11.7	7	1	5	26.3	27.8	4	1	6	45.4	49.4	6	3	8	21.1	19.4
10	13	4	19.7	22.3	7	2	5	4.8	1.9	4	2	6	67.1	70.8	6	4	8	95.5	95.4
10	14	4	105.3	98.4	7	3	5	38.2	38.6	4	3	6	50.8	54.0	6	5	8	44.2	44.7
10	15	4	5.6	2.8	7	4	5	21.2	21.9	4	4	6	12.7	13.0	6	6	8	29.2	27.4
8	0	4	145.3	146.3	7	5	5	49.3	51.2	4	5	6	71.8	73.9	6	7	8	47.2	47.0
8	1	4	125.1	126.2	7	6	5	7.9	8.4	4	6	6	191.2	195.4	6	8	8	23.9	24.3
8	2	4	27.8	28.5	7	7	5	18.6	18.5	4	7	6	71.0	71.3	6	9	8	12.5	13.9

8	3	4	54.9	55.6	7	8	5	39.0	39.0	4	8	6	40.5	40.1	6	10	8	46.2	47.3
8	4	4	6.7	7.0	7	9	5	70.3	70.9	4	9	6	30.5	31.6	6	11	8	7.9	7.0
8	5	4	33.2	34.0	7	10	5	17.5	19.5	4	10	6	13.2	12.5	4	0	8	10.5	8.0
8	6	4	27.6	29.9	7	11	5	52.3	52.5	4	11	6	13.6	16.1	4	1	8	37.0	38.7
8	7	4	63.7	63.9	7	12	5	23.6	22.6	4	12	6	25.8	26.8	4	2	8	90.5	93.8
8	8	4	57.9	58.4	7	13	5	51.1	49.9	4	13	6	40.5	39.4	4	3	8	34.3	35.0
8	9	4	76.4	74.8	7	14	5	5.4	3.0	4	14	6	109.9	108.6	4	4	8	43.5	45.6
8	10	4	32.1	32.9	7	15	5	8.7	8.1	4	15	6	49.9	47.7	4	5	8	20.9	19.6
8	11	4	76.3	74.7	7	16	5	5.5	1.2	4	16	6	31.4	29.5	4	6	8	10.1	10.1
8	12	4	66.2	66.2	7	17	5	31.1	30.5	4	17	6	33.6	32.8	4	7	8	19.1	19.4
8	13	4	71.2	69.6	7	18	5	5.5	4.0	4	18	6	45.4	45.6	4	8	8	24.1	25.0
8	14	4	5.5	6.1	7	19	5	12.8	12.5	4	19	6	26.6	26.7	4	9	8	45.7	44.7
8	15	4	29.0	28.6	7	20	5	14.4	16.9	4	20	6	18.8	19.1	4	10	8	122.6	120.2
8	16	4	9.4	10.7	5	1	5	55.0	57.9	4	21	6	23.6	22.2	4	11	8	54.2	52.6
8	17	4	5.6	7.3	5	2	5	28.0	30.3	4	22	6	53.1	52.2	4	12	8	37.7	34.7
8	18	4	25.0	23.5	5	3	5	9.7	10.2	2	0	6	6.0	4.9	4	13	8	32.0	30.7
8	19	4	43.7	42.8	5	4	5	6.3	3.3	2	1	6	116.2	126.1	4	14	8	32.8	30.6
8	20	4	53.9	53.9	5	5	5	42.1	44.7	2	2	6	72.7	76.6	4	15	8	21.2	21.0
6	0	4	37.2	41.4	5	6	5	26.7	27.0	2	3	6	71.6	74.6	2	0	8	8.1	5.6
6	1	4	41.0	42.1	5	7	5	9.7	11.1	2	4	6	50.0	51.6	2	1	8	40.3	43.9
6	2	4	49.8	51.5	5	8	5	23.6	22.4	2	5	6	49.3	50.8	2	2	8	27.2	28.9
6	3	4	32.6	34.5	5	9	5	77.8	79.4	2	6	6	32.2	34.3	2	3	8	75.1	77.3
6	4	4	169.1	174.2	5	10	5	7.3	1.9	2	7	6	74.7	75.8	2	4	8	31.0	30.7
6	5	4	59.7	62.9	5	11	5	26.8	26.6	2	8	6	46.4	47.2	2	5	8	91.9	90.8
6	6	4	69.8	71.4	5	12	5	11.0	11.2	2	9	6	105.6	105.6	2	6	8	61.4	60.8
6	7	4	67.0	68.7	5	13	5	19.8	18.8	2	10	6	110.5	110.6	2	7	8	71.3	69.6
6	8	4	40.5	41.6	5	14	5	5.4	0.6	2	11	6	108.4	107.8	2	8	8	37.5	36.2
6	9	4	28.3	28.1	5	15	5	29.0	27.8	2	12	6	21.2	21.1	2	9	8	45.2	44.0
6	10	4	75.0	75.8	5	16	5	6.9	3.9	2	13	6	80.0	79.0	2	10	8	9.0	10.5
6	11	4	26.7	27.6	5	17	5	6.8	7.6	2	14	6	34.3	34.3	2	11	8	36.2	35.7
6	12	4	74.3	76.4	5	18	5	22.2	21.5	2	15	6	45.1	45.1	2	12	8	15.9	16.2
6	13	4	67.6	69.1	5	19	5	38.3	41.2	2	16	6	17.2	16.1	2	13	8	50.0	47.8
6	14	4	15.5	14.3	5	20	5	13.7	12.6	2	17	6	44.4	44.6	2	14	8	93.6	91.8
6	15	4	70.3	70.6	5	21	5	24.6	25.1	2	18	6	60.7	60.8	2	15	8	67.5	64.6
6	16	4	115.2	112.7	5	22	5	35.7	36.2	2	19	6	72.2	71.6	2	16	8	6.7	4.7
6	17	4	37.0	38.9	5	23	5	14.5	16.3	2	20	6	45.2	46.5	2	17	8	61.9	59.0
6	18	4	74.7	75.6	3	1	5	81.9	85.1	2	21	6	80.6	78.5	0	2	8	42.3	42.1
6	19	4	25.7	26.8	3	2	5	14.0	16.6	2	22	6	29.3	28.7	0	4	8	35.8	35.2
6	20	4	7.7	9.9	3	3	5	21.3	22.4	2	23	6	52.4	50.9	0	6	8	83.3	83.3
6	21	4	30.4	29.8	3	4	5	17.4	18.5	0	2	6	69.2	71.6	0	8	8	97.9	94.8
6	22	4	13.3	14.7	3	5	5	62.8	66.6	0	4	6	229.0	227.2	0	10	8	26.7	23.1
6	23	4	29.8	29.1	3	6	5	12.8	11.6	0	6	6	17.2	16.0	0	12	8	96.9	93.6
4	0	4	69.8	65.0	3	7	5	33.3	32.2	0	8	6	115.2	115.3	0	14	8	42.5	40.6
4	1	4	52.5	57.9	3	8	5	59.2	59.2	0	10	6	78.5	77.5	0	16	8	32.4	31.0
4	2	4	184.5	195.4	3	9	5	59.3	57.9	0	12	6	85.1	84.0	0	18	8	15.6	13.8
4	3	4	56.4	70.0	3	10	5	28.9	29.0	0	14	6	49.9	50.5	5	1	9	29.4	32.3
4	4	4	80.0	84.4	3	11	5	39.6	37.8	0	16	6	149.2	151.2	5	2	9	13.1	16.1
4	5	4	53.6	56.4	3	12	5	22.7	22.3	0	18	6	75.2	72.6	5	3	9	10.4	8.6

4	6	4	27.7	24.9	3	13	5	4.8	5.7	0	20	6	46.4	46.0	5	4	9	5.0	3.0
4	7	4	49.7	51.6	3	14	5	10.5	3.5	0	22	6	8.7	8.7	5	5	9	23.0	22.9
4	8	4	34.9	37.7	3	15	5	29.4	29.8	9	1	7	21.7	21.5	5	6	9	13.5	13.9
4	9	4	78.2	79.8	3	16	5	5.3	1.2	9	2	7	8.3	6.8	3	1	9	41.3	43.8
4	10	4	222.7	223.1	3	17	5	5.3	5.3	9	3	7	26.4	25.8	3	2	9	6.8	7.5
4	11	4	79.9	80.5	3	18	5	7.4	6.6	9	4	7	9.6	9.1	3	3	9	14.4	13.7
4	12	4	30.3	30.3	3	19	5	57.2	57.3	9	5	7	30.1	29.7	3	4	9	8.9	7.3
4	13	4	45.1	44.8	3	20	5	20.8	20.2	7	1	7	6.9	6.7	3	5	9	31.1	31.7
4	14	4	65.0	64.1	3	21	5	37.9	40.1	7	2	7	25.9	25.4	3	6	9	5.6	5.2
4	15	4	40.1	40.3	3	22	5	9.9	10.0	7	3	7	5.4	0.8	3	7	9	18.8	18.3
4	16	4	33.6	33.4	3	23	5	43.1	42.6	7	4	7	5.4	8.5	3	8	9	31.7	28.8
4	17	4	58.7	59.3	3	24	5	19.7	20.2	7	5	7	55.1	55.8	3	9	9	28.0	29.4
4	18	4	120.9	120.3	1	1	5	45.2	45.5	7	6	7	9.2	10.7	3	10	9	16.3	16.3
4	19	4	58.6	55.7	1	2	5	46.6	48.1	7	7	7	25.3	26.2	3	11	9	21.4	22.0
4	20	4	36.8	35.2	1	3	5	50.4	49.4	7	8	7	7.8	4.6	1	1	9	19.5	23.9
4	21	4	43.5	42.5	1	4	5	47.6	48.5	7	9	7	28.6	27.6	1	2	9	21.4	20.7
4	22	4	69.5	69.7	1	5	5	74.6	76.8	7	10	7	5.4	3.4	1	3	9	18.7	18.2
4	23	4	37.2	35.7	1	6	5	6.8	6.7	7	11	7	24.6	25.3	1	4	9	21.8	22.6
4	24	4	45.3	42.1	1	7	5	41.7	44.6	7	12	7	5.4	8.5	1	5	9	36.1	35.6
4	25	4	20.4	21.0	1	8	5	21.2	21.7	7	13	7	49.0	49.7	1	6	9	4.6	3.3

2	0	4	44.5	44.5		1	9	5	131.6	129.5		7	14	7	22.5	23.2		1	7	9	19.3	17.9
2	1	4	75.5	83.3		1	10	5	4.9	1.3		5	1	7	34.0	37.2		1	8	9	9.2	10.5
2	2	4	60.3	67.4		1	11	5	54.7	53.0		5	2	7	45.9	48.5		1	9	9	63.2	61.4
2	3	4	156.6	163.4		1	12	5	32.7	32.3		5	3	7	43.7	45.6		1	10	9	4.9	1.6
2	4	4	74.0	75.3		1	13	5	67.6	67.4		5	4	7	19.9	20.5		1	11	9	28.5	28.2
2	5	4	195.1	196.3		1	14	5	46.5	46.7		5	5	7	39.5	41.2		1	12	9	18.4	15.0

STRUCTURE FACTOR TABLE FOR ZINC MN MG BASIC SILICATE

ONE SHEET OF TABLE COMPOSED OF

COLUMNS ON PAGE (PART)

4 1
4 2

ZINC MN MG BASIC SILICATE

SHEET NO. 1 PART 1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
12	0	0	75.5	70.4	2	25	0	84.0	82.9	1	1	1	88.1	93.2	2	1	2	189.2	205.7
12	1	0	37.7	34.7	2	26	0	56.1	55.1	1	2	1	83.1	80.3	2	2	2	132.2	144.7
12	2	0	54.3	33.1	2	27	0	77.1	77.2	1	3	1	27.4	22.3	2	3	2	132.3	138.1
12	3	0	54.4	50.3	2	28	0	14.2	13.8	1	4	1	93.1	88.1	2	4	2	92.5	91.4
12	4	0	9.4	11.2	2	29	0	51.3	51.1	1	5	1	140.9	137.2	2	5	2	111.8	116.5
12	5	0	31.4	30.2	0	2	0	110.9	107.4	1	6	1	5.7	1.7	2	6	2	5.9	8.7
12	6	0	38.6	37.7	0	4	0	94.0	99.8	1	7	1	68.8	67.8	2	7	2	147.4	152.0
12	7	0	20.5	19.5	0	6	0	122.8	129.8	1	8	1	8.6	8.1	2	8	2	89.2	93.1
12	8	0	43.1	42.4	0	8	0	294.1	276.5	1	9	1	172.3	168.1	2	9	2	176.3	178.7
12	9	0	58.8	56.0	0	10	0	62.3	69.7	1	10	1	14.3	12.0	2	10	2	205.2	207.1
12	10	0	38.9	40.3	0	12	0	365.5	350.7	1	11	1	75.9	75.2	2	11	2	165.7	169.2
12	11	0	67.6	62.7	0	14	0	66.3	67.6	1	12	1	48.0	48.7	2	12	2	78.2	79.5
12	12	0	38.0	37.2	0	16	0	55.9	54.0	1	13	1	92.4	92.6	2	13	2	121.6	123.6
10	0	0	46.7	48.5	0	18	0	33.7	30.8	1	14	1	67.3	67.5	2	14	2	65.7	62.8
10	1	0	30.4	31.1	0	20	0	190.5	186.8	1	15	1	49.3	49.3	2	15	2	74.7	75.6
10	2	0	64.3	62.0	0	22	0	110.7	109.1	1	16	1	13.8	14.5	2	16	2	17.7	10.6
10	3	0	31.9	31.8	0	24	0	66.9	70.3	1	17	1	32.3	31.5	2	17	2	74.7	75.6
10	4	0	50.3	50.4	0	26	0	7.8	8.5	1	18	1	43.7	44.2	2	18	2	66.5	67.7
10	5	0	34.6	34.5	0	28	0	93.2	95.5	1	19	1	33.7	34.6	2	19	2	107.4	110.2
10	6	0	116.0	112.0	13	1	1	15.9	16.2	1	20	1	4.9	5.8	2	20	2	57.4	59.7
10	7	0	5.7	1.6	13	2	1	30.7	28.2	1	21	1	25.0	24.8	2	21	2	110.2	111.2
10	8	0	88.9	86.6	11	1	1	46.0	45.1	1	22	1	6.5	5.5	2	22	2	53.9	52.0
10	9	0	5.6	4.4	11	2	1	31.0	28.5	1	23	1	11.9	11.7	2	23	2	67.8	66.7
10	10	0	7.2	6.0	11	3	1	30.6	30.2	1	24	1	14.3	12.0	2	24	2	59.9	63.8
10	11	0	16.1	16.4	11	4	1	8.4	8.1	1	25	1	47.5	48.0	2	25	2	33.4	32.1
10	12	0	17.1	15.8	11	5	1	38.2	38.4	1	26	1	12.0	8.2	2	26	2	7.5	3.5
10	13	0	29.4	30.7	11	6	1	25.1	24.2	1	27	1	12.1	11.2	2	27	2	35.9	37.9
10	14	0	116.9	112.4	11	7	1	24.1	23.4	1	28	1	37.7	37.9	2	28	2	24.0	22.5
10	15	0	5.8	0.8	11	8	1	8.1	8.3	1	29	1	46.4	46.5	2	29	2	53.4	53.5
10	16	0	44.9	44.8	11	9	1	7.6	8.8	12	0	2	13.7	11.1	0	2	2	139.0	145.6
10	17	0	23.6	24.5	11	10	1	7.3	1.0	12	1	2	36.1	32.9	0	4	2	467.6	421.0
10	18	0	31.3	26.6	11	11	1	23.4	22.4	12	2	2	9.6	10.1	0	6	2	123.2	110.2
10	19	0	7.8	4.9	11	12	1	13.8	14.0	12	3	2	40.0	36.2	0	8	2	236.1	230.5
8	0	0	193.8	197.0	11	13	1	5.6	1.7	12	4	2	74.3	70.4	0	10	2	153.1	154.7
8	1	0	165.2	171.1	11	14	1	18.3	17.0	12	5	2	74.9	70.6	0	12	2	196.1	196.1
8	2	0	41.7	41.3	11	15	1	29.8	27.8	12	6	2	32.7	34.2	0	14	2	63.8	73.5
8	3	0	67.4	69.4	11	16	1	5.7	7.9	12	7	2	81.1	75.8	0	16	2	228.4	230.3
8	4	0	4.9	4.6	9	1	1	50.2	50.3	12	8	2	34.6	32.6	0	18	2	80.8	77.9
8	5	0	30.9	31.5	9	2	1	17.6	17.4	12	9	2	17.3	18.0	0	20	2	76.6	78.7
8	6	0	25.0	27.3	9	3	1	33.8	33.6	12	10	2	18.4	16.5	0	22	2	18.1	17.8
8	7	0	69.4	70.9	9	4	1	38.5	38.4	10	0	2	55.4	52.9	0	24	2	157.7	162.7
8	8	0	76.5	77.5	9	5	1	37.3	36.0	10	1	2	5.6	2.6	0	26	2	58.7	59.7
8	9	0	96.1	95.9	9	6	1	5.4	5.5	10	2	2	79.4	76.5	0	28	2	30.9	31.2

8	10	0	40.6	42.8	9	7	1	5.4	4.9	10	3	2	30.1	30.2	11	1	3	31.7	30.1
8	11	0	101.0	102.2	9	8	1	48.8	49.3	10	4	2	65.8	65.3	11	2	3	38.7	38.0
8	12	0	87.6	89.2	9	9	1	46.8	47.8	10	5	2	7.2	4.7	11	3	3	34.5	32.5
8	13	0	89.8	90.4	9	10	1	15.5	16.3	10	6	2	39.4	37.6	11	4	3	5.6	5.2
8	14	0	5.5	5.1	9	11	1	17.4	17.0	10	7	2	21.2	22.3	11	5	3	46.2	44.2
8	15	0	30.6	30.2	9	12	1	37.6	38.7	10	8	2	22.4	22.6	11	6	3	25.5	24.8
8	16	0	14.6	14.2	9	13	1	7.7	9.0	10	9	2	5.8	5.7	11	7	3	9.3	9.9
8	17	0	5.5	6.5	9	14	1	32.3	32.2	10	10	2	126.7	120.3	11	8	3	7.0	4.6
8	18	0	31.5	33.6	9	15	1	42.5	40.5	10	11	2	13.0	15.6	11	9	3	5.5	4.5
8	19	0	46.8	47.2	9	16	1	18.0	17.9	10	12	2	70.2	69.5	11	10	3	11.6	8.0
8	20	0	67.3	67.3	9	17	1	5.6	0.5	10	13	2	8.4	8.4	11	11	3	12.9	11.4
8	21	0	83.7	82.3	9	18	1	13.9	15.7	10	14	2	5.6	4.9	11	12	3	7.6	9.3
8	22	0	8.8	15.0	9	19	1	43.9	42.7	10	15	2	8.5	8.2	11	13	3	8.2	11.6
8	23	0	54.4	52.5	9	20	1	5.6	3.9	10	16	2	46.5	45.9	9	1	3	39.4	37.8
8	0	0	33.7	39.8	9	21	1	8.8	9.5	10	17	2	5.9	1.5	9	2	3	5.3	2.1
6	1	0	67.1	71.8	7	1	1	31.1	30.9	10	18	2	78.2	75.3	9	3	3	39.5	38.9
6	2	0	67.7	69.5	7	2	1	16.1	16.7	8	0	2	37.8	41.0	9	4	3	18.6	19.3
6	3	0	37.7	41.8	7	3	1	33.3	36.1	8	1	2	48.6	51.0	9	5	3	38.9	40.0
6	4	0	220.8	230.4	7	4	1	14.1	15.5	8	2	2	5.4	4.7	9	6	3	5.4	2.1
6	5	0	59.5	65.0	7	5	1	81.7	84.2	8	3	2	95.0	97.0	9	7	3	14.3	11.6

6	6	0	106.8	113.4	7	6	1	16.9	14.5	8	4	2	135.5	137.6	9	8	3	28.7	27.9
6	7	0	73.8	77.4	7	7	1	31.8	33.7	8	5	2	87.1	88.1	9	9	3	36.2	36.1
6	8	0	43.9	49.5	7	8	1	38.7	38.8	8	6	2	62.8	62.6	9	10	3	5.4	3.1
6	9	0	38.0	40.3	7	9	1	79.8	81.4	8	7	2	52.4	52.8	9	11	3	10.0	8.2
6	10	0	95.8	95.3	7	10	1	10.9	14.4	8	8	2	53.1	51.1	9	12	3	29.1	29.5
6	11	0	45.4	47.7	7	11	1	61.7	62.4	8	9	2	66.3	67.3	9	13	3	13.3	13.7
6	12	0	81.8	85.5	7	12	1	21.2	24.3	8	10	2	13.7	14.7	9	14	3	13.0	13.8
6	13	0	88.8	93.9	7	13	1	72.5	74.0	8	11	2	80.2	81.9	9	15	3	45.2	44.4
6	14	0*	5.4	14.5	7	14	1	11.6	11.2	8	12	2	28.1	27.3	9	16	3	23.7	25.0
6	15	0*	83.3	83.5	7	15	1	22.2	22.6	8	13	2	68.2	70.1	9	17	3	9.2	5.3
6	16	0	142.0	141.4	7	16	1	10.3	7.8	8	14	2	25.8	25.3	9	18	3	8.4	8.2
6	17	0	37.8	39.3	7	17	1	31.1	31.8	8	15	2	77.9	78.2	9	19	3	34.9	34.3
6	18	0	96.3	99.4	7	18	1	7.2	9.8	8	16	2	74.6	76.3	7	1	3	15.5	17.2
6	19	0	27.5	28.2	7	19	1	7.0	10.3	8	17	2	80.9	79.6	7	2	3	34.8	36.3
6	20	0	10.3	14.1	7	20	1	7.5	10.4	8	18	2	9.8	11.3	7	3	3	7.6	7.9
6	21	0	37.8	38.7	7	21	1	17.6	20.7	8	19	2	40.7	39.0	7	4	3	4.9	6.4
6	22	0	12.3	14.5	7	22	1	7.3	2.8	8	20	2	10.8	14.0	7	5	3	83.1	84.0
6	23	0	41.0	40.3	7	23	1	9.7	6.8	8	21	2	29.4	29.0	7	6	3	15.4	16.3
6	24	0	86.0	84.3	7	24	1	7.4	7.4	8	22	2	25.7	27.7	7	7	3	35.9	37.1
6	25	0	40.8	42.6	7	25	1	29.6	28.7	8	23	2	59.5	60.5	7	8	3	15.5	13.8
6	26	0	30.0	28.6	5	1	1	82.8	89.1	6	0	2	160.4	170.8	7	9	3	50.5	51.6
4	0	0	177.2	177.0	5	2	1	54.6	60.9	6	1	2	122.6	131.8	7	10	3	4.9	1.4
4	1	0	43.6	51.1	5	3	1	42.7	45.7	6	2	2	71.5	75.3	7	11	3	42.9	45.6
4	2	0	274.4	280.7	5	4	1	5.1	8.4	6	3	2	87.7	92.7	7	12	3	14.9	14.7
4	3	0	91.9	96.5	5	5	1	70.0	73.8	6	4	2	31.7	36.9	7	13	3	70.8	71.4
4	4	0	111.3	123.9	5	6	1	40.7	43.9	6	5	2	14.2	13.7	7	14	3	27.5	28.1
4	5	0	93.0	98.3	5	7	1	17.4	19.1	6	6	2	68.7	69.1	7	15	3	34.3	36.5
4	6	0	64.0	64.5	5	8	1	50.8	52.5	6	7	2	6.9	8.9	7	16	3	16.2	17.9
4	7	0	79.6	84.4	5	9	1	91.5	94.7	6	8	2	167.4	172.7	7	17	3	17.4	19.2
4	8	0	40.7	48.1	5	10	1	16.3	15.1	6	9	2	90.9	93.8	7	18	3	14.9	16.0
4	9	0	98.6	102.7	5	11	1	33.3	32.6	6	10	2	23.7	20.5	7	19	3	9.1	7.2
4	10	0	297.3	294.8	5	12	1	19.5	19.9	6	11	2	113.2	114.8	7	20	3	5.5	3.5
4	11	0	90.8	93.6	5	13	1	25.0	26.5	6	12	2	81.6	80.9	7	21	3	5.6	6.9
4	12	0	10.2	13.7	5	14	1	12.4	15.2	6	13	2	43.7	44.8	7	22	3	8.4	5.1
4	13	0	48.4	51.6	5	15	1	55.4	55.8	6	14	2	119.7	119.1	7	23	3	14.8	16.6
4	14	0	91.8	91.2	5	16	1	5.0	3.3	6	15	2	5.5	4.5	5	1	3	65.0	72.4
4	15	0	54.2	55.7	5	17	1	5.5	2.3	6	16	2	32.4	33.5	5	2	3	72.9	79.9
4	16	0*	40.8	45.4	5	18	1	34.3	35.6	6	17	2	10.5	11.4	5	3	3	72.4	77.7
4	17	0*	83.7	82.1	5	19	1	54.0	56.5	6	18	2	11.3	12.8	5	4	3	28.4	31.4
4	18	0	163.0	163.3	5	20	1	29.2	28.6	6	19	2*	32.4	30.4	5	5	3	67.8	69.1
4	19	0	69.7	71.8	5	21	1	15.1	17.8	6	20	2	132.8	134.1	5	6	3	40.4	41.8
4	20	0	34.2	37.7	5	22	1	41.7	42.1	6	21	2	44.6	47.6	5	7	3	13.4	13.3
4	21	0	49.5	48.3	5	23	1	23.7	25.9	6	22	2	47.0	50.1	5	8	3	66.7	68.3
4	22	0	79.4	81.5	5	24	1	30.6	29.0	6	23	2	51.4	52.3	5	9	3	47.1	48.1
4	23	0	37.7	37.3	5	25	1	31.5	32.5	6	24	2	10.1	6.4	5	10	3	27.7	28.6
4	24	0	43.8	39.8	5	26	1	15.4	15.1	6	25	2	24.4	27.1	5	11	3	22.8	22.1
4	25	0	25.1	22.8	5	27	1	20.5	20.9	4	0	2	124.9	139.0	5	12	3	23.6	24.1
4	26	0	51.1	53.1	3	1	1	133.2	138.1	4	1	2	62.3	68.3	5	13	3	19.0	21.1

4	27	0	21.4	20.8	3	2	1	5.5	2.6	4	2	2	122.8	130.4	5	14	3	29.3	32.1
4	28	0	16.3	16.5	3	3	1	71.4	73.4	4	3	2	91.2	100.1	5	15	3	70.3	71.5
2	0	0	111.6	118.7	3	4	1	9.9	9.6	4	4	2	14.3	15.1	5	16	3	12.1	12.1
2	1	0	97.6	112.6	3	5	1	124.8	125.6	4	5	2	145.6	153.3	5	17	3	7.0	6.7
2	2	0	92.9	102.4	3	6	1	16.2	17.6	4	6	2	405.5	399.9	5	18	3	37.1	38.5
2	3	0	243.8	242.9	3	7	1	48.5	50.2	4	7	2	137.5	140.4	5	19	3	55.0	55.7
2	4	0	123.8	127.7	3	8	1	66.7	65.6	4	8	2	46.6	53.4	5	20	3	39.9	39.7
2	5	0	314.9	298.0	3	9	1	57.2	54.4	4	9	2	46.5	48.1	5	21	3	7.1	1.5
2	6	0	7.7	11.1	3	10	1*	35.4	35.0	4	10	2	20.8	18.4	5	22	3	33.2	33.0
2	7	0	225.9	220.4	3	11	1	55.1	52.2	4	11	2	11.3	6.6	5	23	3	30.7	30.7
2	8	0	130.4	121.6	3	12	1	29.7	28.8	4	12	2	12.7	10.4	5	24	3	34.4	33.2
2	9	0	113.6	115.0	3	13	1	9.9	8.0	4	13	2	51.9	51.8	5	25	3	25.6	27.9
2	10	0	5.0	3.4	3	14	1	8.9	7.1	4	14	2	180.1	179.1	5	26	3	5.6	3.7
2	11	0	67.4	70.0	3	15	1	71.5	70.6	4	15	2	79.0	79.6	3	1	3	104.2	113.7
2	12	0	38.0	33.6	3	16	1	8.6	6.5	4	16	2	49.2	49.4	3	2	3	19.1	17.3
2	13	0	103.2	103.8	3	17	1	16.5	17.0	4	17	2	60.8	62.2	3	3	3	131.1	136.1
2	14	0	214.5	211.9	3	18	1*	13.2	4.2	4	18	2	87.8	92.3	3	4	3	8.3	8.9
2	15	0*	157.5	157.9	3	19	1	83.2	81.9	4	19	2	42.1	44.1	3	5	3	108.1	106.9
2	16	0*	38.0	33.2	3	20	1	16.9	17.8	4	20	2	15.4	16.7	3	6	3	9.0	9.0
2	17	0	145.4	145.1	3	21	1	30.2	32.5	4	21	2	24.1	24.9	3	7	3	44.4	48.1

2	18	0	21.4	19.8	3	22	1	19.0	18.7	4	22	2	67.0	66.6	3	6	3	47.6	48.6
2	19	0	74.9	73.7	3	23	1	63.1	63.5	4	23	2	15.2	15.2	3	9	3	10.6	9.0
2	20	0	86.1	84.9	3	24	1	23.6	22.4	4	24	2	17.4	18.1	3	10	3	15.1	14.4
2	21	0	32.9	32.4	3	25	1	11.7	12.6	4	25	2	38.1	34.7	3	11	3	33.4	33.6
2	22	0	57.0	57.6	3	26	1	8.4	1.7	4	26	2	87.2	85.4	3	12	3	21.7	20.9
2	23	0	53.3	53.6	3	27	1	24.7	25.0	4	27	2	54.5	52.3	3	13	3	10.4	2.1
2	24	0	21.6	16.0	3	28	1	8.3	8.3	2	0	2	118.0	119.4	3	14	3	17.0	17.7

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FC	FC	H	K	L	FO	FC
3	15	3	96.0	96.1	2	6	4	70.7	73.4	1	15	5	11.0	10.6	5	6	7	22.9	23.5
3	16	3	13.0	12.7	2	7	4	146.8	149.4	1	16	5	10.1	8.6	5	7	7	9.0	8.8
3	17	3	25.6	25.7	2	8	4	75.7	73.2	1	17	5	28.1	27.2	5	8	7	43.6	41.9
3	18	3	5.1	2.9	2	9	4	83.7	83.4	1	18	5	33.1	33.1	5	9	7	22.6	23.3
3	19	3	81.6	80.3	2	10	4	8.3	5.2	1	19	5	21.3	21.3	5	10	7	19.4	20.3
3	20	3	6.6	5.3	2	11	4	56.6	57.0	1	20	5	8.5	7.2	5	11	7	13.7	12.0
3	21	3	6.5	6.2	2	12	4	7.1	3.8	1	21	5	31.5	34.5	5	12	7	15.4	14.9
3	22	3	24.3	22.4	2	13	4	83.1	82.3	1	22	5	9.3	6.0	5	13	7	15.6	15.6
3	23	3	67.1	67.4	2	14	4	159.1	160.3	1	23	5	7.6	3.4	5	14	7	23.1	23.0
3	24	3	18.1	16.3	2	15	4	120.6	120.4	1	24	5	5.6	8.3	5	15	7	48.3	49.5
3	25	3	5.5	6.5	2	16	4	18.9	16.7	1	25	5	43.3	43.3	5	16	7	7.0	10.3
3	26	3	5.6	4.6	2	17	4	111.4	110.3	10	0	6	35.1	32.5	5	17	7	5.4	6.7
3	27	3	9.0	7.6	2	18	4	7.2	3.3	10	1	6	5.6	7.2	3	1	7	51.1	54.6
1	1	3	70.4	77.3	2	19	4	57.8	57.5	10	2	6	61.6	57.4	3	2	7	8.0	7.3
1	2	3	50.0	52.4	2	20	4	65.6	65.6	10	3	6	23.8	22.9	3	3	7	74.1	75.9
1	3	3	76.8	73.3	2	21	4	29.6	28.5	10	4	6	44.8	44.2	3	4	7	4.8	4.8
1	4	3	57.5	57.1	2	22	4	42.1	41.9	10	5	6	12.1	13.0	3	5	7	55.6	55.9
1	5	3	116.1	113.1	2	23	4	47.0	47.2	10	6	6	34.6	31.1	3	6	7	5.4	3.4
1	6	3	5.1	2.1	2	24	4	21.6	21.4	10	7	6	12.7	8.7	3	7	7	23.3	23.4
1	7	3	45.3	44.3	2	25	4	70.9	70.2	8	0	6	36.5	39.1	3	8	7	22.3	21.5
1	8	3	6.0	7.0	2	26	4	48.4	50.6	8	1	6	22.8	22.6	3	9	7	12.7	11.6
1	9	3	72.4	74.6	2	27	4	65.2	64.0	8	2	6	10.9	8.8	3	10	7	4.8	5.4
1	10	3	12.8	12.8	0	2	4	75.9	81.4	8	3	6	65.4	65.3	3	11	7	14.6	16.1
1	11	3	52.5	54.5	0	4	4	75.5	75.5	8	4	6	86.7	80.5	3	12	7	14.1	12.1
1	12	3	40.7	40.9	0	6	4	117.2	119.6	8	5	6	70.1	70.0	3	13	7	4.9	2.5
1	13	3	66.9	66.7	0	8	4	204.3	199.8	8	6	6	31.2	32.0	3	14	7	13.7	12.4
1	14	3	51.4	52.2	0	10	4	45.5	49.9	8	7	6	44.3	44.2	3	15	7	64.6	65.0
1	15	3	83.2	83.2	0	12	4	228.0	225.8	8	8	6	29.8	28.6	3	16	7	9.6	9.9
1	16	3	14.6	14.2	0	14	4	61.0	59.8	8	9	6	44.9	43.3	3	17	7	19.9	18.1
1	17	3	18.9	19.3	0	16	4	48.4	47.0	8	10	6	14.3	14.9	3	18	7	6.8	5.0
1	18	3	35.5	37.0	0	18	4	10.3	10.3	8	11	6	46.7	46.6	3	19	7	53.3	50.5
1	19	3	39.5	40.2	0	20	4	148.2	144.8	8	12	6	7.8	9.6	3	20	7	5.4	0.4
1	20	3	5.3	0.4	0	22	4	88.7	85.1	8	13	6	43.9	42.4	1	1	7	28.1	32.1
1	21	3	7.4	2.7	0	24	4	46.3	48.4	8	14	6	11.2	12.9	1	2	7	21.5	25.0
1	22	3	6.8	3.3	0	26	4	10.8	10.2	8	15	6	61.5	59.7	1	3	7	34.7	34.3
1	23	3	22.2	21.5	11	1	5	45.7	43.8	6	0	6	119.2	123.4	1	4	7	26.0	27.3
1	24	3	8.3	9.7	11	2	5	13.0	14.4	6	1	6	63.3	66.2	1	5	7	56.5	56.4
1	25	3	33.8	34.5	11	3	5	22.7	20.0	6	2	6	42.1	44.3	1	6	7	4.9	3.9
1	26	3	5.6	5.2	11	4	5	11.2	11.7	6	3	6	55.6	57.0	1	7	7	25.7	25.1
1	27	3	10.2	7.7	11	5	5	22.3	21.6	6	4	6	20.8	21.5	1	8	7	8.2	7.8
1	28	3	35.9	34.9	11	6	5	16.3	17.7	6	5	6	19.6	21.3	1	9	7	34.1	33.7
12	0	4	64.9	59.4	9	1	5	41.7	43.1	6	6	6	28.8	29.7	1	10	7	9.0	6.9
12	1	4	36.4	33.7	9	2	5	23.2	22.3	6	7	6	15.0	15.7	1	11	7	26.4	27.6

12	2	4	25.4	24.9	9	3	5	22.3	20.3	6	8	6	109.5	110.8	1	12	7	24.9	22.6
10	0	4	38.4	38.2	9	4	5	38.5	38.1	6	9	6	55.1	56.3	1	13	7	38.2	37.9
10	1	4	19.7	19.0	9	5	5	22.1	22.1	6	10	6	14.5	14.6	1	14	7	29.2	28.3
10	2	4	56.7	53.9	9	6	5	5.4	5.4	6	11	6	63.5	62.5	1	15	7	57.1	57.2
10	3	4	26.3	25.9	9	7	5	5.4	1.4	6	12	6	65.8	64.9	1	16	7	9.5	7.9
10	4	4	40.0	38.8	9	8	5	46.9	47.1	6	13	6	23.3	22.3	1	17	7	13.1	9.8
10	5	4	18.7	21.7	9	9	5	39.8	41.2	6	14	6	78.8	78.6	1	18	7	22.2	22.0
10	6	4	100.3	95.3	9	10	5	20.0	19.3	6	15	6	5.4	5.7	1	19	7	27.3	26.5
10	7	4	5.7	5.6	9	11	5	18.9	18.7	6	16	6	22.6	20.3	1	20	7	5.4	2.1
10	8	4	72.9	70.5	9	12	5	31.9	32.5	6	17	6	19.0	17.8	1	21	7	5.5	7.5
10	9	4	5.6	1.5	9	13	5	5.5	3.2	6	18	6	5.4	3.9	6	0	8	33.0	33.9
10	10	4	5.6	4.3	9	14	5	33.8	34.4	6	19	6	28.2	25.6	6	1	8	15.5	13.4
10	11	4	5.6	7.0	9	15	5	29.9	28.1	4	0	6	99.9	98.6	6	2	8	27.6	27.9
10	12	4	11.9	11.7	7	1	5	26.3	27.8	4	1	6	45.4	49.4	6	3	8	21.1	19.4
10	13	4	19.7	22.3	7	2	5	4.8	1.9	4	2	6	67.1	70.8	6	4	8	95.5	95.4
10	14	4	105.3	98.4	7	3	5	38.2	38.6	4	3	6	50.8	54.0	6	5	8	44.2	44.7
10	15	4	5.8	2.8	7	4	5	21.2	21.9	4	4	6	12.7	13.0	6	6	8	29.2	27.4
8	0	4	145.3	146.3	7	5	5	49.3	51.2	4	5	6	71.8	73.9	6	7	8	47.2	47.0
8	1	4	125.1	126.2	7	6	5	7.9	8.4	4	6	6	191.2	195.4	6	8	8	23.9	24.3
8	2	4	27.8	28.5	7	7	5	18.6	18.5	4	7	6	71.0	71.3	6	9	8	12.5	13.9

8	3	4	54.9	55.6
8	4	4	6.7	7.0
8	5	4	33.2	34.0
8	6	4	27.6	29.9
8	7	4	63.7	63.9
8	8	4	57.9	58.4
8	9	4	76.4	74.8
8	10	4	32.1	32.9
8	11	4	76.3	74.7
8	12	4	66.2	66.2
8	13	4	71.2	69.6
8	14	4	5.5	6.1
8	15	4	29.0	28.6
8	16	4	9.4	10.7
8	17	4	5.6	7.3
8	18	4	25.0	23.5
8	19	4	43.7	42.8
8	20	4	53.9	53.9
6	0	4	37.2	41.4
6	1	4	41.0	42.1
6	2	4	49.8	51.5
6	3	4	32.6	34.5
6	4	4	169.1	174.2
6	5	4	59.7	62.9
6	6	4	69.8	71.4
6	7	4	67.0	68.7
6	8	4	40.5	41.6
6	9	4	28.3	28.1
6	10	4	75.0	75.8
6	11	4	26.7	27.6
6	12	4	74.3	76.4
6	13	4	67.6	69.1
6	14	4	15.5	14.3
6	15	4	70.3	70.6
6	16	4	115.2	112.7
6	17	4	37.0	38.9
6	18	4	74.7	75.6
6	19	4	25.7	26.8
6	20	4	7.7	9.9
6	21	4	30.4	29.8
6	22	4	13.3	14.7
6	23	4	29.8	29.1
4	0	4	69.8	65.0
4	1	4	52.5	57.9
4	2	4	184.5	195.4
4	3	4	66.4	70.0
4	4	4	80.0	84.4
4	5	4	53.6	56.4
7	8	5	39.0	39.0
7	9	5	70.3	70.9
7	10	5	17.5	19.5
7	11	5	52.5	52.5
7	12	5	23.6	22.6
7	13	5	51.1	49.9
7	14	5	5.4	3.0
7	15	5	8.7	8.1
7	16	5	5.5	1.2
7	17	5	31.1	30.5
7	18	5	5.5	4.0
7	19	5	12.8	12.5
7	20	5	14.4	16.9
5	1	5	55.0	57.9
5	2	5	28.0	30.3
5	3	5	9.7	10.2
5	4	5	6.3	3.3
5	5	5	42.1	44.7
5	6	5	26.7	27.0
5	7	5	9.7	11.1
5	8	5	23.6	22.4
5	9	5	77.6	79.4
5	10	5	7.3	1.9
5	11	5	26.8	26.6
5	12	5	11.0	11.2
5	13	5	19.8	18.8
5	14	5	5.4	0.6
5	15	5	29.0	27.8
5	16	5	6.9	3.9
5	17	5	6.8	7.6
5	18	5	22.2	21.5
5	19	5	38.3	41.2
5	20	5	13.7	12.6
5	21	5	24.6	25.1
5	22	5	35.7	36.2
5	23	5	14.5	16.3
3	1	5	81.9	85.1
3	2	5	14.0	16.6
3	3	5	21.3	22.4
3	4	5	17.4	18.5
3	5	5	62.8	66.6
3	6	5	12.8	11.6
3	7	5	33.3	32.2
3	8	5	59.2	59.2
3	9	5	59.3	57.9
3	10	5	28.9	29.0
3	11	5	39.6	37.8
3	12	5	22.7	22.3
4	8	6	40.5	40.1
4	9	6	30.5	31.8
4	10	6	13.2	12.5
4	11	6	13.6	16.1
4	12	6	25.8	26.8
4	13	6	40.5	39.4
4	14	6	109.9	108.6
4	15	6	49.9	47.7
4	16	6	31.4	29.5
4	17	6	33.6	32.8
4	18	6	45.4	45.6
4	19	6	26.6	26.7
4	20	6	18.8	19.1
4	21	6	23.6	22.2
4	22	6	53.1	52.2
2	0	6	6.0	4.9
2	1	6	116.2	120.1
2	2	6	72.7	76.8
2	3	6	71.6	74.6
2	4	6	50.0	51.6
2	5	6	49.3	50.8
2	6	6	32.2	34.3
2	7	6	74.7	75.8
2	8	6	46.4	47.2
2	9	6	105.6	105.6
2	10	6	110.5	110.6
2	11	6	108.4	107.8
2	12	6	21.2	21.1
2	13	6	80.0	79.0
2	14	6	34.3	34.3
2	15	6	45.1	45.1
2	16	6	17.2	16.1
2	17	6	44.4	44.6
2	18	6	60.7	60.8
2	19	6	72.2	71.6
2	20	6	45.2	46.5
2	21	6	80.6	78.5
2	22	6	29.3	28.7
2	23	6	52.4	50.9
0	2	6	69.2	71.6
0	4	6	229.0	227.2
0	6	6	17.2	16.0
0	8	6	115.2	115.3
0	10	6	78.5	77.5
0	12	6	85.1	84.0
0	14	6	49.9	50.5
0	16	6	149.2	151.2
0	18	6	75.2	72.6
6	10	8	46.2	47.3
6	11	8	7.9	7.0
4	0	8	10.5	8.0
4	1	8	37.0	36.7
4	2	8	90.5	93.8
4	3	8	34.3	35.0
4	4	8	43.5	45.6
4	5	8	20.9	19.6
4	6	8	10.1	10.1
4	7	8	19.1	19.4
4	8	8	24.1	25.0
4	9	8	45.7	44.7
4	10	8	122.6	120.2
4	11	8	54.2	52.6
4	12	8	37.7	34.7
4	13	8	32.0	30.7
4	14	8	32.8	30.6
4	15	8	21.2	21.0
2	0	8	8.1	5.8
2	1	8	40.3	43.9
2	2	8	27.2	28.9
2	3	8	75.1	77.3
2	4	8	31.0	30.7
2	5	8	91.9	90.8
2	6	8	61.4	60.8
2	7	8	71.3	69.6
2	8	8	37.5	36.2
2	9	8	45.2	44.0
2	10	8	9.0	10.5
2	11	8	36.2	35.7
2	12	8	15.9	16.2
2	13	8	50.0	47.8
2	14	8	93.6	91.8
2	15	8	67.5	64.6
2	16	8	6.7	4.7
2	17	8	61.9	59.0
0	2	8	42.3	42.1
0	4	8	35.8	35.2
0	6	8	83.3	83.3
0	8	8	97.9	94.8
0	10	8	26.7	23.1
0	12	8	96.9	93.6
0	14	8	42.5	40.6
0	16	8	32.4	31.0
0	18	8	15.6	13.8
5	1	9	29.4	32.3
5	2	9	13.1	16.1
5	3	9	10.4	8.6

4	6	4	27.7	24.9	3	13	5	4.8	5.7	0	20	6	46.4	46.0	5	4	9	5.0	3.0
4	7	4	49.7	51.6	3	14	5	10.5	3.5	0	22	6	8.7	8.7	5	5	9	23.0	22.9
4	8	4	34.9	37.7	3	15	5	29.4	29.8	9	1	7	21.7	21.5	5	6	9	13.5	13.9
4	9	4	78.2	79.8	3	16	5	5.3	1.2	9	2	7	8.3	6.8	3	1	9	41.3	43.8
4	10	4	222.7	223.1	3	17	5	5.3	5.3	9	3	7	26.4	25.8	3	2	9	6.8	7.5
4	11	4	79.9	80.5	3	18	5	7.4	6.8	9	4	7	9.6	9.1	3	3	9	14.4	13.7
4	12	4	30.3	30.3	3	19	5	57.2	57.3	9	5	7	30.1	29.7	3	4	9	8.9	7.3
4	13	4	45.1	44.8	3	20	5	20.8	20.2	7	1	7	6.9	6.7	3	5	9	31.1	31.7
4	14	4	65.0	64.1	3	21	5	37.9	40.1	7	2	7	25.9	25.4	3	6	9	5.6	5.2
4	15	4	40.1	40.3	3	22	5	9.9	10.0	7	3	7	5.4	6.8	3	7	9	18.8	18.3
4	16	4	33.6	33.4	3	23	5	43.1	42.6	7	4	7	5.4	8.5	3	8	9	31.7	28.8
4	17	4	58.7	59.3	3	24	5	19.7	20.2	7	5	7	55.1	55.8	3	9	9	28.0	29.4
4	18	4	120.9	120.3	1	1	5	45.2	45.5	7	6	7	9.2	10.7	3	10	9	16.3	16.3
4	19	4	58.6	55.7	1	2	5	46.8	48.1	7	7	7	25.3	26.2	3	11	9	21.4	22.0
4	20	4	36.8	35.2	1	3	5	50.4	49.4	7	8	7	7.8	4.6	1	1	9	19.5	23.9
4	21	4	43.5	42.5	1	4	5	47.8	48.5	7	9	7	28.6	27.6	1	2	9	21.4	20.7
4	22	4	69.5	69.7	1	5	5	74.6	76.8	7	10	7	5.4	3.4	1	3	9	16.7	18.2
4	23	4	37.2	35.7	1	6	5	6.8	6.7	7	11	7	24.6	25.3	1	4	9	21.8	22.8
4	24	4	45.3	42.1	1	7	5	41.7	44.6	7	12	7	5.4	8.5	1	5	9	36.1	35.8
4	25	4	20.4	21.0	1	8	5	21.2	21.7	7	13	7	49.0	49.7	1	6	9	4.8	3.3

2	0	4	44.5	44.5	1	9	5	131.6	129.5	7	14	7	22.5	23.2	1	7	9	19.3	17.9
2	1	4	75.5	83.3	1	10	5	4.9	1.3	5	1	7	34.0	37.2	1	8	9	9.2	10.5
2	2	4	60.3	67.4	1	11	5	54.7	53.0	5	2	7	45.9	48.5	1	9	9	63.2	61.4
2	3	4	156.6	163.4	1	12	5	32.7	32.3	5	3	7	43.7	45.8	1	10	9	4.9	1.8
2	4	4	74.0	75.3	1	13	5	67.6	67.4	5	4	7	19.9	20.5	1	11	9	28.5	28.2
2	5	4	195.1	198.3	1	14	5	46.5	46.7	5	5	7	39.5	41.2	1	12	9	18.4	15.0