Erratum to Bull.88 Earth and Mineral Sciences Experiment Station, College of Earth and Mineral Sciences, The Pennsylvania State University.

The section of Table III. for oxygen fugacities below 10^{-17} and temperatures below 1100°C should be replaced, as the presence of CH_4 was not explicitly treated except in the precipitation of graphite. In the replacement table the gas equilibria were evaluated for a given temperature and oxygen fugacity by simultaneous solution of equations #5, #16, and #30 and the two conditions #33 $P_{CO_2} + P_{CO} + P_{CH_4} + P_{H_2O} + P_{H_2} + P_{O_2} = 1$; and

#34 $2P_{CO_2} + 2P_{CO} + 2P_{CH_4} = 2P_{CO_2} + P_{CO} + P_{H_2O} + 2P_{O_2}$. The initial mixing ratiowas computed from: $R_m = (P_{CO_2} + P_{CO} + P_{CH_4})/(P_{H_2O} + P_{H_2} + 2P_{CH_4})$.

TEMP	-17.00	-17.10	-17.20	-17.30	-17.40	-17.50	-17.60	-17.70	-17.80	-17.90
500.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
510.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
520.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
530.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
540.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
550.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
560.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.99	99.99
570.	100.00	100.00	100.00	100.00	99.99	99.99	99.99	99.99	99.99	99.99
580.	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.98
590.	99.99	99.99	99.99	99.99	99.99	99.98	99.98	99.98	99.98	99.98
600.	99.99	99.98	99.98	99.98	99.98	99.98	99.97	99.97	99.97	99.96
610.	99.98	99.98	99.97	99.97	99.97	99.96	99.96	99.95	99.95	99.94
620.	99.97	99.96	99.96	99.95	99.95	99.94	99.94	99.93	99.92	99.91
630.	99.95	99.94	99.94	99.93	99.92	99.91	99.90	99.89	99.88	99.86
640.	99.93	99.92	99.91	99.89	99.88	99.87	99.85	99.83	99.81	99.79
650.	99.89	99.87	99.86	99.84	99.82	99.80	99.78	99.75	99.72	99.68
660.	99.83	99.81	99.79	99.76	99.74	99.70	99.67	99.63	99.58	99.53
670.	99.75	99.73	99.69	99.65	99.61	99.56	99.51	99.45	99.38	99.31
680.	99.64	99.60	99.55	99.50	99.43	99.36	99.29	99.20	99.10	98.99
690.	99.48	99.42	99.35	99.27	99.18	99.08	98.97	98.84	98.70	98.55
700.	99.26	99.17	99.07	98.95	98.82	98.68	98.52	98.34	98.14	97.92
710.	98.94	98.81	98.67	98.51	98.33	98.13	97.90	97.65	97.36	97.05
720.	98.51	98.33	98.12	97.90	97.64	97.36	97.04	96.69	96.29	95.85
730.	97.91	97.66	97.38	97.06	96.71	96.32	95.88	95.39	94.85	94.24
740.	97.10	96.75	96.36	95.93	95.45	94.92	94.32	93.66	92.92	92.10
750.	96.01	95.54	95.01	94.43	93.78	93.06	92.26	91.38	90.40	89.33
760.	94.57	93.94	93.24	92.46	91.60	90.65	89.61	88.46	87.19	85.81
770.	92.70	91.86	90.95	89.93	88.82	87.60	86.26	84.80	83.21	81.49
780.	90.30	89.23	88.05	86.76	85.35	83.82	82.16	80.36	78.43	76.36
790.	87.30	85.95	84.47	82.88	81.15	79.29	77.29	75.16	72.89	70.50
800.	83.64	81.98	80.23	78.28	76.22	74.04	71.73	69.29	66.74	64.08
810.	79.31	77.34	75.24	73.01	70.65	68.18	65.61	62.93	60.17	57.35
820.	74.33	72.07	69.68	67.19	64.59	61.91	59.14	56.32	53.46	50.57
830.	68.81	66.30	63.69	61.00	58.24	55.43	52.58	49.71	46.85	44.00
840.	62.91	60.22	57.46	54.66	51.83	48.99	46.15	43.34	40.56	37.85
850.	56.80	54.02	51.20	48.39	45.57	42.79	40.05	37.37	34.76	32.23
860.	50.70	47.90	45.12	42.36	39.65	37.00	34.42	31.93	29.53	27.24
870.	44.77	42.05	39.36	36.74	34.19	31.72	29.35	27.08	24.92	22.87
880.	39.17	36.57	34.05	31.63	29.25	27.00	24.86	22.83	20.91	19.11
890.	34.00	31.57	29.24	27.03	24.87	22.85	20.94	19.15	17.48	15.91
900.	29.30	27.07	24.95	22.94	21.04	19.25	17.57	16.01	14.56	13.21
910.	25.10	23.09	21.19	19.40	17.72	16.16	14.70	13.35	12.10	10.95
920.	21.40	19.61	17.92	16.35	14.88	13.52	12.27	11.11	10.04	9.07
930.	18.17	16.59	15.11	13.74	12.47	11.30	10.22	9.23	8.33	7.50
940.	15.39	14.00	12.71	11.53	10.43	9.43	8.51	7.67	6.91	6.21
950.	12.99	11.79	10.68	9.66	8.72	7.86	7.08	6.37	5.73	5.15
960.	10.96	9.91	8.96	8.08	7.28	6.56	5.90	5.30	4.76	4.27
970.	9.23	8.33	7.51	6.77	6.09	5.47	4.91	4.41	3.95	3.54
980.	7.76	7.00	6.30	5.66	5.09	4.57	4.10	3.67	3.29	2.94
990.	6.53	5.88	5.28	4.74	4.26	3.82	3.42	3.06	2.74	2.45
1000.	5.50	4.94	4.44	3.98	3.57	3.19	2.86	2.56	2.29	2.04
1010.	4.63	4.16	3.73	3.34	2.99	2.68	2.39	2.14	1.91	1.71
1020.	3.91	3.50	3.14	2.81	2.51	2.25	2.01	1.80	1.60	1.43
1030.	3.30	2.95	2.64	2.36	2.11	1.89	1.69	1.51	1.35	1.20
1040.	2.79	2.49	2.23	1.99	1.78	1.59	1.42	1.27	1.13	1.01
1050.	2.36	2.11	1.89	1.69	1.51	1.34	1.20	1.07	0.96	0.85
1060.	2.00	1.79	1.60	1.43	1.27	1.14	1.01	0.91	0.81	0.72
1070.	1.70	1.52	1.35	1.21	1.08	0.96	0.86	0.77	0.68	0.61
1080.	1.44	1.29	1.15	1.03	0.92	0.82	0.73	0.65	0.58	0.52

TEMP	-18.00	-18.10	-18.20	-18.30	-18.40	-18.50	-18.60	-18.70	-18.80	-18.90
500.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
510.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
520.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
530.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
540.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	99.99	99.99	99.99
550.	100.00	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
560.	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.98	99.98
570.	99.99	99.99	99.99	99.98	99.98	99.98	99.98	99.98	99.97	99.97
580.	99.98	99.98	99.98	99.98	99.97	99.97	99.97	99.96	99.96	99.95
590.	99.97	99.97	99.97	99.96	99.96	99.95	99.95	99.94	99.93	99.92
600.	99.96	99.95	99.95	99.94	99.93	99.92	99.91	99.90	99.89	99.88
610.	99.93	99.92	99.92	99.91	99.89	99.88	99.87	99.85	99.83	99.81
620.	99.90	99.88	99.87	99.85	99.84	99.82	99.79	99.77	99.74	99.71
630.	99.84	99.82	99.80	99.78	99.75	99.72	99.69	99.65	99.61	99.56
640.	99.76	99.73	99.70	99.67	99.62	99.58	99.53	99.47	99.40	99.33
650.	99.65	99.60	99.55	99.50	99.44	99.37	99.29	99.21	99.11	99.00
660.	99.47	99.41	99.34	99.26	99.17	99.06	98.95	98.82	98.68	98.52
670.	99.23	99.13	99.03	98.91	98.77	98.62	98.46	98.27	98.06	97.82
680.	98.87	98.73	98.58	98.41	98.21	98.00	97.76	97.48	97.18	96.84
690.	98.37	98.17	97.95	97.70	97.42	97.11	96.77	96.38	95.94	95.46
700.	97.67	97.38	97.07	96.72	96.32	95.88	95.39	94.84	94.23	93.55
710.	96.69	96.30	95.85	95.35	94.81	94.20	93.51	92.75	91.91	90.97
720.	95.36	94.81	94.20	93.52	92.75	91.92	90.99	89.96	88.83	87.58
730.	93.57	92.82	91.99	91.07	90.05	88.93	87.70	86.34	84.86	83.23
740.	91.20	90.20	89.10	87.89	86.56	85.10	83.51	81.78	79.91	77.89
750.	88.14	86.84	85.42	83.87	82.19	80.36	78.38	76.26	74.00	71.59
760.	84.30	82.66	80.88	78.97	76.91	74.70	72.36	69.87	67.27	64.54
770.	79.63	77.63	75.49	73.21	70.90	68.26	65.59	62.83	59.97	57.03
780.	74.15	71.81	69.34	66.75	64.05	61.25	58.37	55.43	52.45	49.45
790.	67.98	65.35	62.63	59.81	56.93	53.99	51.03	48.05	45.09	42.16
800.	61.33	58.51	55.63	52.71	49.76	46.82	43.89	41.01	38.18	35.43
810.	54.47	51.57	48.65	45.74	42.85	40.01	37.24	34.54	31.94	29.44
820.	47.68	44.80	41.95	39.16	36.43	33.79	31.24	28.79	26.46	24.26
830.	41.19	38.44	35.76	33.16	30.65	28.25	25.97	23.81	21.77	19.86
840.	35.20	32.64	30.18	27.82	25.58	23.45	21.45	19.57	17.82	16.19
850.	29.81	27.49	25.29	23.18	21.21	19.36	17.63	16.03	14.54	13.16
860.	25.06	22.99	21.04	19.22	17.51	15.92	14.45	13.09	11.83	10.68
870.	20.95	19.13	17.44	15.87	14.41	13.05	11.81	10.67	9.62	8.66
880.	17.43	15.86	14.41	13.07	11.83	10.69	9.64	8.69	7.82	7.03
890.	14.46	13.12	11.89	10.74	9.70	8.74	7.87	7.08	6.36	5.70
900.	11.97	10.83	9.78	8.82	7.95	7.15	6.43	5.77	5.17	4.63
910.	9.90	8.93	8.05	7.24	6.51	5.85	5.25	4.71	4.21	3.77
920.	8.18	7.36	6.62	5.95	5.34	4.79	4.29	3.84	3.44	3.07
930.	6.75	6.07	5.45	4.89	4.39	3.93	3.52	3.15	2.81	2.51
940.	5.58	5.01	4.49	4.03	3.61	3.23	2.89	2.58	2.30	2.06
950.	4.62	4.14	3.71	3.32	2.97	2.65	2.37	2.12	1.89	1.69
960.	3.82	3.42	3.06	2.74	2.45	2.19	1.95	1.74	1.56	1.39
970.	3.17	2.84	2.54	2.27	2.03	1.81	1.61	1.44	1.28	1.15
980.	2.63	2.35	2.10	1.88	1.68	1.50	1.34	1.19	1.06	0.95
990.	2.19	1.96	1.75	1.56	1.39	1.24	1.11	0.99	0.88	0.78
1000.	1.83	1.63	1.46	1.30	1.16	1.03	0.92	0.82	0.73	0.65
1010.	1.53	1.36	1.22	1.09	0.97	0.86	0.77	0.68	0.61	0.54
1020.	1.28	1.14	1.02	0.91	0.81	0.72	0.64	0.57	0.51	0.45
1030.	1.07	0.96	0.85	0.76	0.68	0.60	0.54	0.48	0.42	0.37
1040.	0.90	0.80	0.72	0.64	0.57	0.51	0.45	0.40	0.35	0.31
1050.	0.76	0.68	0.60	0.54	0.48	0.43	0.38	0.33	0.29	0.25
1060.	0.64	0.57	0.51	0.45	0.40	0.36	0.32	0.28	0.24	0.20
1070.	0.54	0.48	0.43	0.38	0.34	0.30	0.26	0.23	0.19	0.16
1080.	0.46	0.41	0.37	0.33	0.29	0.25	0.22	0.18	0.16	0.13

TEMP	-19.00	-19.10	-19.20	-19.30	-19.40	-19.50	-19.60	-19.70	-19.80	-19.90
500.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
510.	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
520.	100.00	100.00	100.00	100.00	100.00	100.00	99.99	99.99	99.99	99.99
530.	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
540.	99.99	99.99	99.99	99.99	99.99	99.99	99.98	99.98	99.98	99.98
550.	99.99	99.99	99.98	99.98	99.98	99.98	99.97	99.97	99.97	99.96
560.	99.98	99.98	99.97	99.97	99.97	99.96	99.96	99.95	99.95	99.94
570.	99.97	99.96	99.96	99.95	99.95	99.94	99.93	99.92	99.91	99.90
580.	99.95	99.94	99.93	99.92	99.91	99.90	99.89	99.88	99.86	99.85
590.	99.91	99.90	99.89	99.88	99.86	99.85	99.83	99.81	99.78	99.76
600.	99.86	99.85	99.83	99.81	99.78	99.76	99.73	99.70	99.66	99.62
610.	99.79	99.76	99.73	99.70	99.66	99.62	99.58	99.53	99.47	99.40
620.	99.67	99.63	99.59	99.54	99.48	99.42	99.35	99.27	99.18	99.08
630.	99.50	99.44	99.37	99.30	99.21	99.12	99.01	98.89	98.75	98.60
640.	99.25	99.16	99.06	98.94	98.81	98.66	98.50	98.32	98.11	97.88
650.	98.88	98.74	98.59	98.41	98.22	98.00	97.76	97.49	97.18	96.84
660.	98.34	98.13	97.91	97.65	97.37	97.05	96.69	96.29	95.84	95.33
670.	97.56	97.26	96.93	96.56	96.14	95.68	95.16	94.58	93.93	93.20
680.	96.46	96.03	95.55	95.02	94.42	93.76	93.02	92.19	91.27	90.25
690.	94.91	94.31	93.63	92.88	92.04	91.11	90.08	88.93	87.67	86.28
700.	92.79	91.95	91.01	89.97	88.83	87.56	86.16	84.63	82.96	81.13
710.	89.94	88.79	87.53	86.14	84.61	82.95	81.13	79.16	77.04	74.75
720.	86.20	84.69	83.04	81.25	79.30	77.21	74.95	72.54	69.98	67.28
730.	81.47	79.56	77.49	75.29	72.91	70.40	67.74	64.95	62.05	59.05
740.	75.72	73.40	70.94	68.33	65.69	62.76	59.81	56.78	53.68	50.55
750.	69.05	66.38	63.59	60.70	57.72	54.68	51.59	48.49	45.38	42.31
760.	61.71	58.79	55.80	52.76	49.69	46.62	43.57	40.56	37.62	34.75
770.	54.04	51.02	47.98	44.95	41.96	39.02	36.15	33.37	30.70	28.14
780.	46.45	43.47	40.53	37.66	34.86	32.16	29.58	27.11	24.77	22.57
790.	39.28	36.46	33.74	31.12	28.60	26.22	23.96	21.83	19.84	17.98
800.	32.77	30.21	27.77	25.45	23.26	21.23	19.27	17.48	15.81	14.28
810.	27.06	24.80	22.67	20.66	18.79	17.05	15.44	13.95	12.58	11.32
820.	22.17	20.22	18.40	16.70	15.13	13.67	12.34	11.11	9.99	8.97
830.	18.07	16.41	14.87	13.45	12.15	10.95	9.85	8.85	7.94	7.11
840.	14.68	13.28	12.00	10.82	9.74	8.76	7.86	7.05	6.31	5.65
850.	11.90	10.73	9.67	8.70	7.82	7.01	6.28	5.62	5.03	4.49
860.	9.63	8.67	7.79	7.00	6.27	5.62	5.03	4.49	4.01	3.58
870.	7.79	7.00	6.28	5.63	5.04	4.51	4.03	3.60	3.21	2.86
880.	6.31	5.66	5.07	4.54	4.06	3.62	3.24	2.89	2.57	2.29
890.	5.11	4.58	4.10	3.66	3.27	2.92	2.60	2.32	2.07	1.84
900.	4.15	3.71	3.32	2.96	2.64	2.36	2.10	1.87	1.67	1.48
910.	3.37	3.01	2.69	2.40	2.14	1.91	1.70	1.51	1.35	1.20
920.	2.75	2.45	2.19	1.95	1.74	1.55	1.38	1.23	1.09	0.97
930.	2.24	2.00	1.78	1.59	1.42	1.26	1.13	1.00	0.88	0.78
940.	1.84	1.64	1.46	1.30	1.16	1.03	0.91	0.81	0.72	0.63
950.	1.51	1.34	1.20	1.06	0.95	0.84	0.75	0.66	0.58	0.50
960.	1.24	1.10	0.98	0.87	0.78	0.69	0.61	0.54	0.47	0.40
970.	1.02	0.91	0.81	0.72	0.64	0.56	0.49	0.43	0.36	0.31
980.	0.84	0.75	0.67	0.59	0.52	0.46	0.40	0.35	0.29	0.24
990.	0.70	0.62	0.55	0.49	0.43	0.37	0.32	0.26	0.22	0.18
1000.	0.58	0.51	0.45	0.40	0.34	0.30	0.25	0.21	0.17	0.14
1010.	0.48	0.42	0.37	0.32	0.29	0.23	0.19	0.16	0.13	0.11
1020.	0.40	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	0.09
1030.	0.33	0.29	0.24	0.20	0.17	0.14	0.11	0.10	0.08	0.07
1040.	0.27	0.23	0.19	0.16	0.13	0.11	0.09	0.08	0.07	0.06
1050.	0.21	0.18	0.15	0.12	0.10	0.09	0.07	0.06	0.05	0.05
1060.	0.17	0.14	0.11	0.10	0.08	0.07	0.06	0.05	0.04	0.04
1070.	0.13	0.11	0.09	0.09	0.06	0.06	0.05	0.04	0.04	0.03
1080.	0.10	0.09	0.07	0.06	0.05	0.05	0.04	0.03	0.03	0.03

TEMP	-20.00	-20.10	-20.20	-20.30	-20.40	-20.50	-20.60	-20.70	-20.80	-20.90
500.	100.00	100.00	100.00	100.00	100.00	100.00	99.99	99.99	99.99	99.99
510.	100.00	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99	99.99
520.	99.99	99.99	99.99	99.99	99.99	99.99	99.98	99.98	99.98	99.98
530.	99.99	99.98	99.98	99.98	99.98	99.97	99.97	99.97	99.96	99.96
540.	99.98	99.97	99.97	99.97	99.96	99.96	99.95	99.95	99.94	99.93
550.	99.96	99.95	99.95	99.94	99.94	99.93	99.92	99.91	99.90	99.89
560.	99.93	99.93	99.92	99.91	99.90	99.88	99.87	99.85	99.83	99.81
570.	99.89	99.88	99.86	99.85	99.83	99.81	99.79	99.76	99.73	99.70
580.	99.83	99.81	99.78	99.76	99.73	99.69	99.66	99.61	99.57	99.51
590.	99.73	99.69	99.65	99.61	99.56	99.51	99.45	99.38	99.31	99.22
600.	99.57	99.52	99.46	99.39	99.32	99.23	99.14	99.03	98.91	98.78
610.	99.33	99.25	99.16	99.05	98.94	98.80	98.66	98.49	98.31	98.10
620.	98.97	98.84	98.70	98.54	98.36	98.16	97.93	97.68	97.39	97.07
630.	98.43	98.23	98.02	97.77	97.50	97.19	96.85	96.47	96.03	95.55
640.	97.62	97.33	97.01	96.64	96.23	95.77	95.26	94.68	94.04	93.31
650.	96.45	96.02	95.54	95.00	94.39	93.72	92.96	92.12	91.17	90.12
660.	94.77	94.14	93.44	92.65	91.78	90.80	89.72	88.51	87.18	85.71
670.	92.39	91.49	90.49	89.39	88.15	86.79	85.28	83.63	81.82	79.84
680.	89.12	87.87	86.49	84.96	83.29	81.47	79.48	77.32	74.99	72.48
690.	84.75	83.07	81.24	79.24	77.09	74.76	72.27	69.61	66.79	63.82
700.	79.14	76.99	74.68	72.21	69.58	66.79	63.87	60.81	57.64	54.38
710.	72.31	69.71	66.96	64.09	61.07	57.96	54.76	51.50	48.19	44.88
720.	64.44	61.49	58.43	55.29	52.09	48.85	45.60	42.36	39.17	36.03
730.	55.96	52.82	49.63	46.44	43.26	40.11	37.02	34.02	31.12	28.35
740.	47.40	44.26	41.15	38.10	35.13	32.25	29.49	26.85	24.36	22.01
750.	39.28	36.32	33.45	30.69	28.06	25.55	23.19	20.97	18.90	16.98
760.	31.98	29.33	26.81	24.41	22.16	20.06	18.10	16.28	14.61	13.07
770.	25.72	23.42	21.27	19.26	17.39	15.67	14.08	12.62	11.28	10.07
780.	20.50	18.58	16.79	15.13	13.61	12.21	10.94	9.78	8.72	7.77
790.	16.26	14.67	13.21	11.87	10.64	9.52	8.51	7.59	6.75	6.00
800.	12.87	11.57	10.39	9.31	8.32	7.43	6.63	5.90	5.24	4.66
810.	10.17	9.12	8.17	7.30	6.52	5.81	5.17	4.60	4.08	3.62
820.	8.04	7.20	6.43	5.74	5.12	4.56	4.05	3.60	3.19	2.83
830.	6.36	5.69	5.07	4.52	4.03	3.58	3.18	2.82	2.50	2.21
840.	5.04	4.50	4.01	3.57	3.18	2.82	2.50	2.22	1.97	1.74
850.	4.01	3.57	3.18	2.83	2.51	2.23	1.98	1.75	1.55	1.37
860.	3.19	2.84	2.53	2.25	1.99	1.76	1.56	1.39	1.22	1.07
870.	2.55	2.27	2.01	1.79	1.58	1.41	1.24	1.09	0.96	0.85
880.	2.04	1.81	1.61	1.43	1.26	1.12	1.00	0.87	0.75	0.65
890.	1.63	1.45	1.29	1.15	1.02	0.89	0.78	0.67	0.57	0.48
900.	1.31	1.17	1.05	0.92	0.80	0.71	0.61	0.52	0.44	0.36
910.	1.06	0.94	0.83	0.73	0.63	0.55	0.47	0.40	0.32	0.27
920.	0.85	0.76	0.66	0.57	0.49	0.42	0.35	0.30	0.24	0.20
930.	0.69	0.61	0.53	0.45	0.39	0.32	0.27	0.22	0.18	0.16
940.	0.55	0.48	0.41	0.34	0.29	0.24	0.20	0.17	0.14	0.12
950.	0.44	0.37	0.31	0.26	0.22	0.18	0.15	0.13	0.11	0.10
960.	0.34	0.29	0.24	0.20	0.17	0.14	0.12	0.10	0.09	0.08
970.	0.27	0.22	0.18	0.15	0.13	0.11	0.09	0.08	0.07	0.06
980.	0.20	0.17	0.14	0.11	0.10	0.08	0.07	0.06	0.06	0.05
990.	0.15	0.13	0.11	0.09	0.08	0.07	0.06	0.05	0.05	0.04
1000.	0.12	0.10	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.03
1010.	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03
1020.	0.07	0.06	0.06	0.05	0.04	0.04	0.03	0.03	0.03	0.02
1030.	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02
1040.	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02
1050.	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01
1060.	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01
1070.	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
1080.	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01

TEMP	-21.00	-21.10	-21.20	-21.30	-21.40	-21.50	-21.60	-21.70	-21.80	-21.90
500.	99.99	99.99	99.99	99.99	99.99	99.98	99.98	99.98	99.98	99.98
510.	99.98	99.98	99.98	99.98	99.98	99.97	99.97	99.97	99.96	99.96
520.	99.97	99.97	99.97	99.96	99.96	99.95	99.95	99.94	99.93	99.92
530.	99.95	99.95	99.94	99.94	99.93	99.92	99.91	99.90	99.89	99.87
540.	99.92	99.91	99.90	99.89	99.88	99.86	99.85	99.83	99.81	99.78
550.	99.87	99.86	99.84	99.82	99.80	99.77	99.75	99.71	99.68	99.64
560.	99.79	99.76	99.74	99.70	99.67	99.63	99.58	99.53	99.47	99.41
570.	99.66	99.62	99.57	99.52	99.46	99.39	99.32	99.23	99.14	99.03
580.	99.45	99.38	99.31	99.22	99.13	99.02	98.90	98.77	98.61	98.44
590.	99.13	99.02	98.90	98.77	98.61	98.44	98.25	98.03	97.79	97.52
600.	98.63	98.46	98.27	98.06	97.82	97.55	97.25	96.91	96.52	96.09
610.	97.87	97.60	97.31	96.98	96.60	96.18	95.71	95.18	94.59	93.92
620.	96.71	96.31	95.86	95.35	94.78	94.14	93.42	92.61	91.71	90.70
630.	95.00	94.39	93.71	92.94	92.09	91.13	90.06	88.87	87.54	86.07
640.	92.51	91.69	90.80	89.87	88.23	86.84	85.31	83.61	81.75	79.70
650.	88.96	87.66	86.23	84.64	82.90	80.98	78.89	76.60	74.12	71.44
660.	84.08	82.33	80.35	78.22	75.95	73.40	70.71	67.83	64.75	61.49
670.	77.69	75.37	72.86	70.17	67.30	64.26	61.05	57.68	54.17	50.54
680.	69.80	66.95	63.95	60.79	57.50	54.08	50.57	46.98	43.34	39.69
690.	60.71	57.49	54.15	50.74	47.27	43.76	40.26	36.78	33.38	30.08
700.	51.05	47.67	44.27	40.88	37.52	34.23	31.04	27.98	25.07	22.34
710.	41.57	38.31	35.11	32.03	29.01	26.17	23.47	20.96	18.63	16.49
720.	32.99	30.05	27.25	24.59	22.09	19.76	17.60	15.63	13.83	12.20
730.	25.70	23.21	20.88	18.71	16.70	14.86	13.19	11.67	10.30	9.07
740.	19.82	17.79	15.91	14.19	12.62	11.19	9.91	8.75	7.71	6.78
750.	15.22	13.60	12.12	10.77	9.56	8.46	7.47	6.59	5.80	5.10
760.	11.67	10.40	9.24	8.22	7.26	6.42	5.66	4.99	4.39	3.86
770.	8.97	7.97	7.07	6.26	5.54	4.89	4.31	3.79	3.34	2.93
780.	6.90	6.12	5.43	4.83	4.24	3.74	3.25	2.89	2.55	2.24
790.	5.33	4.72	4.18	3.69	3.26	2.88	2.53	2.23	1.98	1.71
800.	4.13	3.65	3.23	2.85	2.52	2.22	1.94	1.72	1.49	1.30
810.	3.21	2.83	2.50	2.21	1.95	1.71	1.50	1.30	1.12	1.09
820.	2.50	2.21	1.95	1.71	1.50	1.32	1.15	1.09	0.93	0.79
830.	1.96	1.73	1.53	1.33	1.15	1.09	0.94	0.80	0.67	0.57
840.	1.53	1.34	1.19	1.03	0.94	0.81	0.68	0.58	0.49	0.41
850.	1.20	1.05	0.96	0.82	0.70	0.59	0.50	0.42	0.35	0.30
860.	0.97	0.84	0.71	0.61	0.51	0.43	0.36	0.31	0.26	0.22
870.	0.73	0.63	0.53	0.45	0.37	0.32	0.27	0.23	0.19	0.17
880.	0.55	0.46	0.39	0.33	0.28	0.23	0.20	0.17	0.15	0.13
890.	0.41	0.34	0.29	0.24	0.21	0.18	0.15	0.13	0.12	0.10
900.	0.30	0.26	0.22	0.18	0.16	0.14	0.12	0.10	0.09	0.08
910.	0.23	0.19	0.16	0.14	0.12	0.11	0.09	0.08	0.07	0.06
920.	0.17	0.15	0.13	0.11	0.10	0.08	0.07	0.07	0.06	0.05
930.	0.13	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04
940.	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03
950.	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03
960.	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02
970.	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02
980.	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
990.	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01
1000.	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
1010.	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
1020.	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1030.	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1040.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
1050.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1060.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
1070.	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
1080.	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

TEMP	-22.00	-22.10	-22.20	-22.30	-22.40	-22.50	-22.60	-22.70	-22.80	-22.90
500.	99.97	99.97	99.97	99.96	99.96	99.95	99.94	99.94	99.93	99.92
510.	99.95	99.95	99.94	99.93	99.92	99.91	99.90	99.89	99.88	99.86
520.	99.92	99.91	99.89	99.88	99.87	99.85	99.83	99.81	99.79	99.76
530.	99.86	99.84	99.82	99.80	99.77	99.74	99.71	99.68	99.64	99.59
540.	99.76	99.73	99.69	99.66	99.61	99.57	99.51	99.45	99.39	99.31
550.	99.60	99.55	99.49	99.43	99.36	99.28	99.19	99.09	98.97	98.85
560.	99.33	99.25	99.16	99.05	98.98	98.91	98.86	98.89	98.30	98.09
570.	98.91	98.78	98.63	98.46	98.27	98.05	97.81	97.54	97.23	96.88
580.	98.25	98.03	97.79	97.51	97.20	96.85	96.46	96.02	95.52	94.96
590.	97.21	96.86	96.47	96.03	95.58	94.98	94.36	93.65	92.86	91.97
600.	95.61	95.06	94.45	93.75	92.99	92.12	91.18	90.05	88.83	87.46
610.	93.17	92.33	91.39	90.34	89.16	87.84	86.38	84.74	82.92	80.90
620.	89.58	88.32	86.92	85.37	83.68	81.73	79.62	77.28	74.71	71.87
630.	84.44	82.64	80.65	78.46	76.07	73.44	70.56	67.42	63.99	60.23
640.	77.46	75.01	72.35	69.46	66.33	62.95	59.31	55.39	51.20	46.76
650.	68.54	65.44	62.12	58.58	54.82	50.86	46.70	42.40	38.03	33.67
660.	58.04	54.42	50.63	46.71	42.69	38.61	34.54	30.58	26.81	23.33
670.	46.80	42.99	39.15	35.33	31.59	27.99	24.61	21.49	18.67	16.18
680.	36.06	32.51	29.07	25.80	22.75	19.94	17.40	15.14	13.15	11.42
690.	26.92	23.94	21.17	18.62	16.32	14.25	12.42	10.82	9.42	8.20
700.	19.81	17.48	15.37	13.48	11.79	10.30	8.99	7.84	6.84	5.97
710.	14.55	12.80	11.23	9.84	8.61	7.52	6.57	5.74	5.02	4.39
720.	10.74	9.43	8.27	7.24	6.34	5.55	4.85	4.24	3.71	3.25
730.	7.97	7.00	6.14	5.39	4.71	4.12	3.60	3.16	2.75	2.41
740.	5.96	5.23	4.59	4.02	3.52	3.07	2.68	2.35	2.05	1.79
750.	4.48	3.93	3.44	3.02	2.63	2.31	2.02	1.77	1.53	1.36
760.	3.38	2.96	2.60	2.27	1.98	1.74	1.56	1.31	1.15	0.98
770.	2.58	2.26	1.96	1.72	1.52	1.30	1.12	0.98	0.97	0.82
780.	1.94	1.71	1.49	1.28	1.12	0.96	0.95	0.80	0.67	0.57
790.	1.47	1.29	1.10	1.11	0.94	0.79	0.66	0.56	0.47	0.40
800.	1.12	1.10	0.93	0.79	0.66	0.56	0.47	0.40	0.34	0.29
810.	0.93	0.79	0.66	0.56	0.47	0.40	0.38	0.29	0.25	0.22
820.	0.67	0.56	0.47	0.40	0.34	0.29	0.25	0.22	0.19	0.17
830.	0.48	0.40	0.34	0.29	0.25	0.22	0.19	0.16	0.14	0.13
840.	0.34	0.29	0.25	0.22	0.19	0.16	0.14	0.13	0.11	0.10
850.	0.25	0.22	0.19	0.16	0.14	0.13	0.11	0.10	0.09	0.08
860.	0.19	0.17	0.14	0.13	0.11	0.10	0.09	0.08	0.07	0.06
870.	0.15	0.13	0.11	0.11	0.09	0.08	0.07	0.06	0.05	0.05
880.	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04
890.	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.03	0.03
900.	0.07	0.06	0.06	0.05	0.04	0.04	0.04	0.03	0.03	0.02
910.	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02
920.	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02
930.	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01
940.	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
950.	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
960.	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
970.	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
980.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
990.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
1000.	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
1010.	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
1020.	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1030.	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1040.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1050.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1060.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1070.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1080.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TEMP	-23.00	-23.10	-23.20	-23.30	-23.40	-23.50	-23.60	-23.70	-23.80	-23.90
500.	99.91	99.90	99.89	99.88	99.86	99.84	99.82	99.80	99.78	99.75
510.	99.85	99.83	99.81	99.78	99.75	99.72	99.69	99.65	99.61	99.56
520.	99.73	99.70	99.66	99.62	99.57	99.52	99.46	99.40	99.32	99.24
530.	99.58	99.49	99.42	99.35	99.27	99.18	99.08	98.96	98.83	98.69
540.	99.22	99.13	99.02	98.90	98.76	98.61	98.43	98.24	98.01	97.76
550.	98.70	98.54	98.36	98.15	97.92	97.66	97.37	97.03	96.66	96.23
560.	97.85	97.59	97.28	96.94	96.55	96.12	95.63	95.07	94.44	93.73
570.	96.49	96.05	95.55	94.99	94.35	93.64	92.83	91.92	90.89	89.73
580.	94.32	93.61	92.81	91.90	90.86	89.74	88.44	86.99	85.34	83.48
590.	90.97	89.84	88.58	87.17	85.58	83.79	81.78	79.50	76.90	73.90
600.	85.92	84.21	82.30	80.16	77.76	75.05	71.97	68.44	64.35	59.56
610.	78.65	76.15	73.37	70.24	66.72	62.73	58.19	53.02	47.26	41.07
620.	68.73	65.24	61.37	57.05	52.27	47.03	41.45	35.79	30.38	25.54
630.	56.13	51.67	46.87	41.80	36.63	31.58	26.91	22.78	19.28	16.38
640.	42.12	37.38	32.69	28.23	24.17	20.60	17.56	15.01	12.89	11.13
650.	29.47	25.53	21.97	18.84	16.15	13.87	11.95	10.34	8.99	7.85
660.	20.17	17.39	14.98	12.92	11.16	9.67	8.42	7.35	6.43	5.65
670.	13.99	12.11	10.49	9.10	7.92	6.91	6.05	5.30	4.66	4.11
680.	9.92	8.62	7.52	6.54	5.72	5.01	4.40	3.86	3.40	3.00
690.	7.16	6.23	5.45	4.77	4.17	3.66	3.22	2.83	2.50	2.20
700.	5.21	4.56	3.99	3.53	3.06	2.70	2.36	2.08	1.82	1.60
710.	3.83	3.36	2.94	2.58	2.26	1.97	1.75	1.52	1.34	1.21
720.	2.85	2.49	2.17	1.91	1.67	1.46	1.32	1.13	0.98	1.13
730.	2.10	1.85	1.60	1.41	1.25	1.06	0.98	1.47	0.80	0.68
740.	1.57	1.41	1.19	1.03	1.07	0.90	0.76	0.65	0.55	0.48
750.	1.16	1.00	1.03	0.87	0.73	0.62	0.53	0.46	0.39	0.34
760.	1.00	0.86	0.71	0.63	0.51	0.44	0.38	0.33	0.29	0.25
770.	0.69	0.58	0.49	0.42	0.36	0.32	0.28	0.24	0.21	0.19
780.	0.48	0.41	0.35	0.31	0.27	0.23	0.21	0.18	0.16	0.14
790.	0.35	0.30	0.26	0.23	0.20	0.18	0.16	0.14	0.12	0.11
800.	0.25	0.22	0.20	0.17	0.15	0.14	0.12	0.11	0.09	0.08
810.	0.19	0.17	0.15	0.13	0.12	0.10	0.09	0.08	0.07	0.07
820.	0.15	0.13	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05
830.	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04
840.	0.09	0.08	0.07	0.06	0.06	0.05	0.04	0.04	0.03	0.03
850.	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02
860.	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02
870.	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
880.	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01
890.	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
900.	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
910.	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
920.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
930.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
940.	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
950.	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
960.	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
970.	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
980.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
990.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1010.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1020.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1030.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1040.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1050.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1060.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1070.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1080.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TEMP	-24.00	-24.10	-24.20	-24.30	-24.40	-24.50	-24.60	-24.70	-24.80	-24.90
500.	99.72	99.69	99.65	99.63	99.56	99.50	99.44	99.37	99.29	99.20
510.	99.51	99.45	99.38	99.33	99.21	99.12	99.01	98.88	98.74	98.58
520.	99.14	99.04	98.92	98.78	98.63	98.45	98.26	98.04	97.79	97.50
530.	98.52	98.34	98.13	97.89	97.62	97.32	96.98	96.59	96.15	95.65
540.	97.48	97.16	96.80	96.39	95.93	95.41	94.81	94.14	93.37	92.50
550.	95.75	95.21	94.60	93.90	93.11	92.22	91.20	90.04	88.71	87.16
560.	92.93	92.02	91.00	89.83	88.50	86.98	85.23	83.17	80.72	77.70
570.	88.41	86.92	85.22	83.27	81.00	78.32	75.06	70.99	******	******
580.	81.35	79.30	76.83	74.02	70.68	66.63	63.27	******	******	32.16
590.	70.40	66.25	61.23	55.18	48.26	40.33	32.96	26.77	21.98	18.37
600.	53.97	47.58	40.68	33.89	27.89	23.00	19.18	16.23	13.98	12.12
610.	34.46	29.12	24.21	20.21	17.05	14.55	12.56	10.96	9.65	8.55
620.	21.44	18.08	15.37	13.19	11.43	9.98	8.79	7.78	6.92	6.18
630.	14.01	12.07	10.48	9.16	8.05	7.11	6.31	5.62	5.02	4.48
640.	9.67	8.45	7.42	6.55	5.80	5.15	4.58	4.08	3.64	3.25
650.	6.89	6.06	5.35	4.74	4.21	3.78	3.33	2.96	2.64	2.36
660.	4.98	4.40	3.89	3.45	3.06	2.72	2.42	2.15	1.91	1.71
670.	3.63	3.21	2.84	2.52	2.23	1.98	1.76	1.56	1.39	1.23
680.	2.65	2.35	2.07	1.83	1.63	1.44	1.27	1.15	1.01	0.95
690.	1.94	1.72	1.51	1.34	1.21	1.05	1.01	0.91	0.83	0.78
700.	1.42	1.24	1.12	0.97	0.99	0.90	0.84	0.86	0.54	0.48
710.	1.08	1.09	0.99	0.93	0.84	0.58	0.50	0.44	0.39	0.34
720.	1.05	1.05	0.62	0.54	0.47	0.41	0.36	0.32	0.28	0.25
730.	0.58	0.50	0.44	0.38	0.34	0.30	0.26	0.23	0.21	0.19
740.	0.41	0.36	0.32	0.28	0.25	0.22	0.20	0.17	0.16	0.14
750.	0.30	0.27	0.24	0.21	0.19	0.16	0.15	0.13	0.12	0.10
760.	0.22	0.20	0.18	0.16	0.14	0.12	0.11	0.10	0.09	0.08
770.	0.17	0.15	0.13	0.12	0.11	0.09	0.08	0.07	0.07	0.06
780.	0.13	0.11	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.05
790.	0.10	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03
800.	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03
810.	0.06	0.05	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02
820.	0.05	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02
830.	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01
840.	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
850.	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
860.	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
870.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
880.	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
890.	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00
900.	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
910.	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
920.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
930.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
940.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
950.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
960.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
970.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
980.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
990.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1000.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1010.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1020.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1030.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1040.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1050.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1060.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1070.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1080.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00