

2500	0	100	21.06	0	0.37	0	77.4	0.5
2500	0	100	332.49	0.04	0.36	0	77.9	0.5
2500	0	100	328.37	-0.1	0.34	0	79.3	0.5
2500	0	100	8.93	0.03	0.33	0	78.8	0.5
2500	0	100	23.08	0.03	0.33	0	79	0.5
2500	0	100	35.49	-0.04	0.35	0	80.1	0.4
2500	0	100	0.61	0.06	0.34	0	77.3	0.5
2500	0	100	0.88	-0.12	0.33	0	77.8	0.5
2500	0	100	7.65	0.09	0.36	0	78.3	0.5
2500	0	100	89.3	0.05	0.34	0	79.1	0.5
2500	0	100	110.63	-0.07	0.33	0	77.8	0.5
2500	0	100	345.71	0.01	0.31	0	77.8	0.5
2500	0	100	13.61	-0.01	0.31	0	79.8	0.5
2500	0	100	47.85	-0.02	0.32	0	77.9	0.5
2500	0	100	16.12	0.07	0.29	0	78.3	0.5
2500	0	100	359.35	-0.15	0.27	0	81.5	0.5
2500	0	100	325.28	0.08	0.32	0	80.2	0.5
2500	0	100	8.64	0.05	0.32	0	77.1	0.5
2500	0	100	25.36	-0.1	0.31	0	78	0.5
2500	0	100	346.5	0.01	0.3	0	80.4	0.5
2500	0	100	354.13	-0.05	0.29	0	77.9	0.5
2500	0	100	64.74	0	0.31	0	77.6	0.5
2500	0	100	44.98	0.09	0.3	0	80.6	0.5
2500	0	100	11.34	-0.08	0.28	0	78.6	0.5
2500	0	100	283.66	0.05	0.25	0	77.4	0.5
2500	0	100	275.28	-0.03	0.25	0	79.2	0.5
2500	0	100	126.05	-0.07	0.26	0	79.5	0.5
2500	0	100	317.75	0.1	0.26	0	78	0.5
2500	0	100	341.94	-0.06	0.26	0	78.6	0.5
2500	0	100	39.46	0.08	0.23	0	80	0.4
2500	0	100	36.12	0.02	0.23	0	76.8	0.5
2500	0	100	44.73	-0.13	0.24	0	77.2	0.5
2500	0	100	292.51	0.07	0.26	0	80.4	0.5
2500	0	100	319.87	0	0.27	0	80.6	0.5
2500	0	100	80.49	-0.06	0.24	0	77.2	0.5
2500	0	100	17.3	0.09	0.24	0	78	0.5
2500	0	100	357.12	-0.09	0.23	0	80.1	0.5
2500	0	100	186.59	0.08	0.24	0	77.4	0.5
2500	0	100	75.87	-0.03	0.24	0	78	0.5
2500	0	100	90.1	-0.07	0.24	0	81.8	0.5
2500	0	100	347.97	0.1	0.25	0	79.9	0.5
2500	0	100	39.55	-0.07	0.26	0	77.8	0.5
2500	0	100	77.62	0.01	0.28	0	78.9	0.5
2500	0	100	69.59	0.04	0.28	0	80.7	0.5
2500	0	100	75.61	-0.07	0.28	0	78.7	0.5
2500	0	100	300.23	0.03	0.3	0	80.1	0.5
2500	0	100	30.05	0.01	0.29	0	83.6	0.5
2500	0	100	56.11	-0.05	0.28	0	80.2	0.5
2500	0	100	24.44	0.12	0.29	0	79.7	0.5
2500	0	100	32.76	-0.1	0.29	0	81.2	0.5
2500	0	100	33.7	0.01	0.29	0	81	0.5
2500	0	100	56.16	0.04	0.29	0	79.9	0.5

2500	0	100	66.29	-0.11	0.28	0	79.8	0.4
2500	0	100	300.26	0.1	0.28	0	80.6	0.5
2500	0	100	2.91	-0.05	0.28	0	78.3	0.5
2500	0	100	57.71	0.02	0.28	0	78.5	0.5
2500	0	100	91.52	0.07	0.28	0	81.7	0.5
2500	0	100	98.16	-0.14	0.29	0	80	0.5
2500	0	100	82.42	0.06	0.3	0	78.1	0.5
2500	0	100	75.62	0	0.29	0	79	0.5
2500	0	100	96.22	-0.07	0.3	0	82.3	0.5
2500	0	100	263.05	0.13	0.29	0	81.3	0.5
2500	0	100	277.18	-0.11	0.29	0	80.9	0.5
2500	0	100	285.24	-0.01	0.28	0	82.7	0.5
2500	0	100	100.07	0.09	0.28	0	79.3	0.5
2500	0	100	122.98	-0.15	0.29	0	79.6	0.5
2500	0	100	168.91	0.07	0.3	0	81.4	0.5
2500	0	100	80.76	0.01	0.29	0	80.2	0.5
2500	0	100	80.86	-0.06	0.28	0	79.2	0.5
2500	0	100	81.52	0.1	0.29	0	79.8	0.5
2500	0	100	46.45	-0.04	0.29	0	81.8	0.5
2500	0	100	30.03	-0.07	0.28	0	79.3	0.5
2500	0	100	28.25	0.09	0.28	0	79	0.5
2500	0	100	26.5	-0.07	0.27	0	81.9	0.4
2500	0	100	309.04	0.07	0.28	0	79.4	0.5
2500	0	100	290.51	-0.08	0.28	0	79.1	0.5
2500	0	100	244.76	0.01	0.27	0	80	0.5
2500	0	100	212.7	0.07	0.28	0	81	0.5
2500	0	100	209.98	-0.1	0.29	0	79.4	0.5
2500	0	100	218	0.05	0.28	0	80	0.5
2500	0	100	27.64	0.03	0.27	0	82.3	0.5
2500	0	100	31.81	-0.06	0.25	0	79.4	0.5
2500	0	100	41.84	0.06	0.27	0	80.4	0.5
2500	0	100	327.82	-0.07	0.28	0	83.2	0.5
2500	0	100	298.53	0.01	0.28	0	80.8	0.5
2500	0	100	68.6	0.08	0.29	0	80.5	0.5
2500	0	100	82.95	-0.11	0.31	0	82.6	0.5
2500	0	100	14.83	0.04	0.27	0	82.9	0.5
2500	0	100	299.69	-0.01	0.26	0	81.6	0.5
2500	0	100	296.9	0.01	0.25	0	81.4	0.5
2500	0	100	352.43	0.02	0.25	0	82.6	0.5
2500	0	100	34.41	-0.02	0.26	0	79	0.5
2500	0	100	111.85	-0.02	0.26	0	78.9	0.5
2500	0	100	55.75	0.06	0.26	0	83	0.5
2500	0	100	38.31	-0.09	0.26	0	80	0.4
2500	0	100	58.64	0.1	0.23	0	78.2	0.5
2500	0	100	28.07	-0.06	0.23	0	79.9	0.5
2500	0	100	274.63	-0.03	0.24	0	80.7	0.5
2500	0	100	45.17	0.08	0.22	0	78.2	0.5
2500	0	100	83.9	-0.15	0.21	0	79.5	0.5
2500	0	100	161.45	0.06	0.21	0	81.4	0.5
2500	0	100	137	0.05	0.22	0	78.7	0.5
2500	0	100	119.71	-0.03	0.25	0	77.8	0.5
2500	0	100	100.72	0.02	0.23	0	80.6	0.5

2500	0	100	91.23	-0.01	0.22	0	81	0.5
2500	0	100	90.13	-0.02	0.19	0	77.5	0.5
2500	0	100	104.82	0.05	0.21	0	78.7	0.5
2500	0	100	75.87	-0.09	0.23	0	81.7	0.5
2500	0	100	29.6	0.06	0.22	0	78.1	0.5
2500	0	100	37	-0.01	0.22	0	78.2	0.5
2500	0	100	31.73	-0.06	0.21	0	82.9	0.5
2500	0	100	354.2	0.02	0.24	0	81.7	0.5
2500	0	100	4.15	-0.01	0.25	0	79.3	0.5
2500	0	100	16.31	0	0.23	0	79.4	0.4
2500	0	100	6.27	0.02	0.23	0	79.6	0.5
2500	0	100	358.73	-0.09	0.23	0	78.3	0.5
2500	0	100	329.79	0.09	0.23	0	78.7	0.5
2500	0	100	20.22	-0.06	0.23	0	82.1	0.5
2500	0	100	64.58	0.04	0.23	0	79.2	0.5
2500	0	100	82.87	0.04	0.24	0	77.7	0.5
2500	0	100	70.9	-0.09	0.24	0	79.9	0.5
2500	0	100	40.48	0.04	0.27	0	80	0.5
2500	0	100	17.42	0.01	0.26	0	77.8	0.5
2500	0	100	5.35	-0.09	0.26	0	79.5	0.5
2500	0	100	4.8	0.08	0.22	0	81.8	0.5
2500	0	100	16.52	-0.04	0.22	0	77.6	0.5
2500	0	100	28.55	-0.02	0.23	0	78.1	0.5
2500	0	100	26.15	0.1	0.23	0	82.4	0.5
2500	0	100	15.83	-0.1	0.23	0	80.8	0.5
2500	0	100	335.58	0.07	0.23	0	77.8	0.5
2500	0	100	13.85	-0.04	0.23	0	79.2	0.5
2500	0	100	28.98	-0.01	0.24	0	82	0.5
2500	0	100	9.13	0.03	0.24	0	78.9	0.4
2500	0	100	359.07	-0.1	0.25	0	78.2	0.5
2500	0	100	341.05	0.05	0.26	0	81.7	0.5
2500	0	100	337.55	0.04	0.25	0	80.6	0.5
2500	0	100	334.17	-0.06	0.23	0	78.4	0.5
2500	0	100	288.28	0.05	0.24	0	79.3	0.5
2500	0	100	351.47	-0.04	0.24	0	81.2	0.5
2500	0	100	29.24	-0.02	0.23	0	78.8	0.5
2500	0	100	343.97	0.07	0.22	0	78.7	0.5
2500	0	100	336.93	-0.12	0.22	0	82.2	0.5
2500	0	100	328.27	0.08	0.18	0	80.4	0.5
2500	0	100	346.76	0	0.2	0	79	0.5
2500	0	100	348.21	-0.06	0.22	0	80.8	0.5
2500	0	100	321.72	0.06	0.23	0	81.2	0.5
2500	0	100	323.62	-0.05	0.22	0	79	0.5
2500	0	100	72.01	0.01	0.21	0	79.4	0.5
2500	0	100	343.04	0.02	0.21	0	81.6	0.5
2500	0	100	313.33	-0.1	0.21	0	79.2	0.5
2500	0	100	301.55	0.1	0.17	0	79.6	0.5
2500	0	100	315.16	-0.04	0.18	0	82.1	0.4
2500	0	100	330.83	-0.04	0.21	0	80	0.5
2500	0	100	12.72	0.08	0.2	0	78.5	0.5
2500	0	100	38.21	-0.07	0.2	0	79.5	0.5
2500	0	100	31.6	0.05	0.22	0	80.8	0.5

2500	0	100	26.86	0.01	0.22	0	78.1	0.5
2500	0	100	23.25	-0.02	0.2	0	78.8	0.5
2500	0	100	348.68	-0.01	0.2	0	81.9	0.5
2500	0	100	5.57	0.01	0.21	0	80.5	0.5
2500	0	100	36.91	-0.09	0.25	0	78.6	0.5
2500	0	100	50.37	0.12	0.24	0	79.7	0.5
2500	0	100	74.85	-0.11	0.23	0	81.6	0.5
2500	0	100	233.4	0.1	0.12	0	79.5	0.5
2500	0	100	14.41	-0.05	0.1	0	80	0.5
2500	0	100	47.16	0	0.07	0	82.6	0.5
2500	0	100	102.46	0.04	0.05	0	80.2	0.5
2500	0	100	69.7	-0.11	0.04	0	79.1	0.5
2500	0	100	38	0.03	0.23	0	81.3	0.5
2500	0	100	49.09	0.12	0.19	0	81.6	0.5
2500	0	100	62.66	-0.12	0.15	0	79.8	0.4
2500	0	100	355.89	0.06	0.19	0	80.2	0.5
2500	0	100	7.74	-0.04	0.17	0	81.9	0.5
2500	0	100	40.57	-0.01	0.1	0	80	0.5
2500	0	100	44.92	0.08	0.12	0	79	0.5
2500	0	100	34.9	-0.12	0.13	0	80.6	0.5
2500	0	100	321.3	0.02	0.15	0	81.7	0.5
2500	0	100	357.68	0.05	0.09	0	79.7	0.5
2500	0	100	77.21	-0.05	0.04	0	80.2	0.5
2500	0	100	58.03	0.06	0.06	0	82.2	0.5
2500	0	100	61.96	-0.07	0.08	0	80.6	0.5
2500	0	100	77.81	-0.03	0.15	0	79.7	0.5
2500	0	100	9.98	0.09	0.12	0	79.7	0.5
2500	0	100	5.88	-0.12	0.11	0	80.8	0.5
2500	0	100	40.76	0.12	0.09	0	79.9	0.5
2500	0	100	354.89	0.01	0.1	0	79.4	0.5
2500	0	100	355.55	-0.05	0.13	0	81.6	0.5
2500	0	100	15.81	0.04	0.22	0	80.5	0.5
2500	0	100	358.48	-0.1	0.23	0	80.6	0.5
2500	0	100	344.14	0.04	0.15	0	82.2	0.5
2500	0	100	330.3	0.07	0.12	0	79.7	0.5
2500	0	100	348.57	-0.11	0.09	0	78	0.4
2500	0	100	52.06	0.02	0.1	0	80	0.5
2500	0	100	36.77	-0.05	0.12	0	81.2	0.5
2500	0	100	359.85	0.04	0.17	0	79.4	0.5
2500	0	100	52.62	0.06	0.15	0	78.8	0.5
2500	0	100	68.76	-0.1	0.14	0	81.6	0.5
2500	0	100	356.43	0.05	0.18	0	81.4	0.5
2500	0	100	21.07	0.01	0.17	0	79.4	0.5
2500	0	100	24.18	-0.08	0.17	0	79.8	0.5
2500	0	100	323.16	0.1	0.16	0	81.5	0.5
2500	0	100	334.04	-0.11	0.16	0	79.1	0.5
2500	0	100	345.32	0.01	0.13	0	79.7	0.5
2500	0	100	337.93	0.01	0.14	0	83	0.5
2500	0	100	333.7	-0.02	0.14	0	81.2	0.5
2500	0	100	58.09	0.06	0.14	0	78.8	0.5
2500	0	100	46.87	-0.02	0.15	0	80.2	0.5
2500	0	100	46.97	-0.02	0.16	0	82.2	0.5

2500	0	100	24.16	0.06	0.1	0	79.3	0.5
2500	0	100	43.2	-0.05	0.07	0	80.1	0.4
2500	0	100	28.49	0.04	0.13	0	82.7	0.5
2500	0	100	255.15	0.01	0.13	0	80.4	0.5
2500	0	100	259.39	-0.03	0.13	0	78.8	0.5
2500	0	100	205.45	0.02	0.12	0	79.6	0.5
2500	0	100	210.44	-0.09	0.12	0	82.9	0.5
2500	0	100	210.39	-0.02	0.11	0	80.3	0.5
2500	0	100	179.28	0.11	0.11	0	79.4	0.5
2500	0	100	171.65	-0.08	0.11	0	81.3	0.5
2500	0	100	207.57	0.05	0.08	0	81.4	0.5
2500	0	100	175.31	0.01	0.08	0	78.6	0.5
2500	0	100	152.64	-0.02	0.08	0	79.3	0.5
2500	0	100	62.49	0.02	0.07	0	82.4	0.5
2500	0	100	107.04	-0.02	0.06	0	80.3	0.5
2500	0	100	94.78	-0.08	0.06	0	80.2	0.5
2500	0	100	333.66	0.15	0.06	0	81.8	0.5
2500	0	100	359.84	-0.18	0.09	0	82.1	0.5
2500	0	100	166.69	0.04	0.09	0	79.8	0.5
2500	0	100	316.42	0.11	0.1	0	79.8	0.5
2500	0	100	353.51	-0.13	0.13	0	82.9	0.5
2500	0	100	244.93	0.02	0.1	0	80.6	0.5
2500	0	100	261.3	0	0.08	0	79.9	0.4
2500	0	100	277.79	0	0.11	0	81.5	0.5
2500	0	100	305.98	0.07	0.08	0	81.7	0.5
2500	0	100	288.06	-0.06	0.1	0	79.3	0.5
2500	0	100	60.33	0.06	0.11	0	80.4	0.5
2500	0	100	41.86	-0.04	0.12	0	83.6	0.5
2500	0	100	25.84	-0.06	0.13	0	81.5	0.5
2500	0	100	108.43	0.09	0.09	0	79.9	0.5
2500	0	100	91.89	-0.08	0.06	0	81.8	0.5
2500	0	100	54.41	0.05	0.08	0	83.1	0.5
2500	0	100	117.89	0.03	0.08	0	79.5	0.5
2500	0	100	143.17	-0.1	0.08	0	80.3	0.5
2500	0	100	7.08	0.05	0.06	0	84	0.5
2500	0	100	5.42	-0.01	0.06	0	82.4	0.5
2500	0	100	18.03	0	0.12	0	80.6	0.5
2500	0	100	340.16	0.04	0.1	0	81.7	0.5
2500	0	100	331.68	-0.08	0.09	0	82.9	0.5
2500	0	100	318.02	0.05	0.1	0	79.4	0.5
2500	0	100	2.01	0.01	0.11	0	79.3	0.4
2500	0	100	40.89	-0.09	0.13	0	83.2	0.5
2500	0	100	336.57	0.08	0.15	0	82.1	0.5
2500	0	100	351.5	-0.13	0.19	0	81.2	0.5
2500	0	100	25.51	0.09	0.1	0	82.5	0.5
2500	0	100	12.89	0.03	0.08	0	84.2	0.5
2500	0	100	26.97	0	0.13	0	81.2	0.5
2500	0	100	88.76	-0.01	0.13	0	81	0.5
2500	0	100	48.27	-0.01	0.14	0	82.7	0.5
2500	0	100	44.91	-0.02	0.16	0	82.5	0.5
2500	0	100	236.97	0.07	0.12	0	81.3	0.5
2500	0	100	223.76	-0.07	0.19	0	81.7	0.5

2500	0	100	330.79	0.03	0.18	0	83.7	0.5
2500	0	100	305.5	0.02	0.18	0	81.5	0.5
2500	0	100	312.87	-0.07	0.18	0	79.8	0.5
2500	0	100	339.19	0.06	0.18	0	81.6	0.5
2500	0	100	318.88	-0.08	0.17	0	83.4	0.5
2500	0	100	306.12	0.05	0.18	0	81.8	0.5
2500	0	100	338.96	0.05	0.17	0	81.7	0.5
2500	0	100	340.41	-0.11	0.15	0	83.6	0.5
2500	0	100	348.41	0.08	0.16	0	81.2	0.4
2500	0	100	334.34	-0.06	0.17	0	80.4	0.5
2500	0	100	312.74	0.02	0.24	0	81.6	0.5
2500	0	100	3.24	0.04	0.22	0	82.1	0.5
2500	0	100	27.22	-0.07	0.2	0	80.2	0.52
2500	0	100	54.94	0.04	0.24	0	81	0.55
2500	0	100	24.45	0.04	0.26	0	84	0.43
2500	0	100	1.16	-0.06	0.26	0	82.9	0.5
2500	0	100	319.88	0.02	0.23	0	81	0.5
2500	0	100	309.76	-0.01	0.21	0	82.5	0.5
2500	0	100	311.04	-0.04	0.28	0	83.5	0.5
2500	0	100	312.41	0.09	0.28	0	79.6	0.5
2500	0	100	317.6	-0.11	0.29	0	80.9	0.5
2500	0	100	347.92	0.02	0.24	0	84.5	0.5
2500	0	100	325.14	0.03	0.22	0	82	0.5
2500	0	100	308.53	-0.05	0.31	0	80.7	0.5
2500	0	100	316.7	0.08	0.3	0	82.5	0.5
2500	0	100	320.37	-0.08	0.3	0	83.7	0.4
2500	0	100	326.18	0.03	0.26	0	81.7	0.5
2500	0	100	44.82	0.01	0.27	0	82.7	0.5
2500	0	100	47.33	-0.06	0.37	0	83.4	0.5
2500	0	100	3.45	0.04	0.35	0	83.6	0.5
2500	0	100	3.71	-0.04	0.33	0	81	0.5
2500	0	100	357.83	0.04	0.29	0	81.9	0.5
2500	0	100	21.11	0.04	0.32	0	84.1	0.5
2500	0	100	10.1	-0.11	0.36	0	82.5	0.5
2500	0	100	352	0.06	0.3	0	83.1	0.5
2500	0	100	45.9	0.03	0.3	0	84.4	0.5
2500	0	100	84.38	-0.08	0.32	0	84.4	0.5
2500	0	100	317.49	0.05	0.35	0	81.6	0.5
2500	0	100	346.2	-0.02	0.37	0	82.1	0.5
2500	0	100	49.69	0.01	0.29	0	84.6	0.5
2500	0	100	311.17	0.04	0.29	0	82.5	0.5
2500	0	100	299.89	-0.08	0.31	0	80.8	0.5
2500	0	100	236.79	0.02	0.38	0	82.6	0.5
2500	0	100	302.53	0.01	0.38	0	84.4	0.5
2500	0	100	337.79	-0.04	0.28	0	82.1	0.5
2500	0	100	276.01	0.05	0.29	0	81.6	0.4
2500	0	100	264.23	-0.06	0.31	0	84.2	0.5
2500	0	100	269.39	0.05	0.35	0	82.8	0.5
2500	0	100	271.51	-0.02	0.36	0	81.1	0.5
2500	0	100	273.29	-0.01	0.35	0	82	0.5
2500	0	100	241.89	0.02	0.31	0	83.7	0.5
2500	0	100	274.02	-0.02	0.28	0	81.1	0.5

2500	0	100	285.21	-0.02	0.39	0	80.7	0.5
2500	0	100	279.85	0.05	0.37	0	82.8	0.5
2500	0	100	282.8	-0.11	0.35	0	83	0.5
2500	0	100	292.07	0.05	0.37	0	82.1	0.5
2500	0	100	261.73	0.03	0.37	0	82.9	0.5
2500	0	100	240.32	-0.06	0.39	0	84.6	0.5
2500	0	100	296.95	0.08	0.38	0	82.1	0.5
2500	0	100	292.41	-0.03	0.37	0	81.6	0.5
2500	0	100	283.81	-0.03	0.38	0	83.7	0.5
2500	0	100	305.64	0.06	0.44	0	83.8	0.5
2500	0	100	314.31	-0.13	0.52	0	81	0.5
2500	0	100	334.5	0.06	0.38	0	81.4	0.5
2500	0	100	15.73	0.05	0.38	0	84.1	0.5
2500	0	100	33.18	-0.11	0.53	0	81.7	0.5
2500	0	100	1.92	0.07	0.51	0	80.9	0.4
2500	0	100	3.26	-0.03	0.47	0	83.2	0.5
2500	0	100	277.99	0.04	0.43	0	84.5	0.5
2500	0	100	293.18	0	0.43	0	81.3	0.5
2500	0	100	296.32	-0.04	0.44	0	82.1	0.5
2500	0	100	276.77	0.05	0.44	0	84.9	0.5
2500	0	100	293.82	-0.12	0.44	0	83.4	0.5
2500	0	100	329.69	0.08	0.43	0	82	0.5
2500	0	100	341.2	0.05	0.45	0	82.8	0.5
2500	0	100	330.29	-0.12	0.46	0	84.3	0.5
2500	0	100	326.01	0.08	0.42	0	81.2	0.5
2500	0	100	314.72	-0.01	0.44	0	81	0.5
2500	0	100	310.59	-0.05	0.49	0	83.7	0.5
2500	0	100	284.99	0.09	0.48	0	82.9	0.5
2500	0	100	301.69	-0.05	0.45	0	81.4	0.5
2500	0	100	303.9	-0.02	0.5	0	82.4	0.5
2500	0	100	292.94	0.07	0.49	0	84.3	0.5
2500	0	100	290.46	-0.1	0.47	0	80.7	0.5
2500	0	100	313.85	0.06	0.5	0	83.1	0.4
2500	0	100	311.67	-0.03	0.51	0	87.6	0.5
2500	0	100	303.12	0.03	0.47	0	85.6	0.5
2500	0	100	305.13	0.06	0.5	0	83.2	0.5
2500	0	100	301.09	-0.1	0.55	0	83.8	0.5
2500	0	100	297.41	0.02	0.5	0	86.9	0.5
2500	0	100	297.96	0.04	0.48	0	84.8	0.5
2500	0	100	297.23	-0.07	0.45	0	83.8	0.5
2500	0	100	285.08	0.06	0.5	0	84.6	0.5
2500	0	100	290.76	-0.06	0.53	0	85.3	0.5
2500	0	100	305.29	0.05	0.47	0	83.8	0.5
2500	0	100	332.91	0.05	0.47	0	83.3	0.5
2500	0	100	318.49	-0.1	0.46	0	85.8	0.5
2500	0	100	229.88	0.06	0.52	0	84	0.5
2500	0	100	236.36	0.01	0.53	0	83.4	0.5
2500	0	100	248.56	-0.08	0.5	0	85.3	0.5
2500	0	100	277.05	0.11	0.48	0	85.2	0.5
2500	0	100	266.72	-0.07	0.48	0	82	0.5
2500	0	100	254.51	-0.02	0.5	0	81.5	0.5
2500	0	100	258.98	0.07	0.5	0	84.7	0.4

2500	0	100	277.24	-0.11	0.52	0	84.4	0.5
2500	0	100	239.67	0.06	0.53	0	84.1	0.5
2500	0	100	233.06	-0.04	0.55	0	85.4	0.5
2500	0	100	233.46	0.03	0.52	0	86	0.5
2500	0	100	268.51	0.05	0.55	0	82.9	0.5
2500	0	100	264.92	-0.11	0.57	0	83.9	0.5
2500	0	100	245.94	0.06	0.54	0	87.2	0.5
2500	0	100	291.07	0.02	0.55	0	85.6	0.5
2500	0	100	316.38	-0.07	0.59	0	84.5	0.5
2500	0	100	184.04	0.09	0.6	0	85.5	0.5
2500	0	100	172.08	-0.11	0.63	0	86.3	0.5
2500	0	100	143.62	0.04	0.57	0	82.6	0.5
2500	0	100	229.79	0.12	0.6	0	82.9	0.5
2500	0	100	249.39	-0.13	0.62	0	85.7	0.5
2500	0	100	349.04	0.05	0.65	0	84.3	0.5
2500	0	100	72.56	0	0.65	0	83.4	0.5
2500	0	100	101.91	-0.07	0.66	0	84.1	0.5
2500	0	100	98.7	0.06	0.64	0	85.6	0.4
2500	0	100	85.25	-0.06	0.62	0	83.7	0.5
2500	0	100	345.86	0.06	0.7	0	83.7	0.5
2500	0	100	158.19	0.03	0.69	0	86.4	0.5
2500	0	100	175.42	-0.08	0.62	0	85.9	0.5
2500	0	100	48.53	0.05	0.66	0	83.8	0.5
2500	0	100	118.29	-0.07	0.69	0	85.1	0.5
2500	0	100	217.52	0.03	0.7	0	86.8	0.5
2500	0	100	355.8	0.03	0.7	0	83.2	0.5
2500	0	100	23.31	-0.06	0.71	0	83.2	0.5
2500	0	100	60.82	0.04	0.67	0	85.5	0.5
2500	0	100	35.27	0.01	0.68	0	84.3	0.5
2500	0	100	35.49	-0.09	0.71	0	81.7	0.5
2500	0	100	26.84	0.08	0.69	0	83	0.5
2500	0	100	56.49	-0.03	0.71	0	86.5	0.5
2500	0	100	87.66	-0.01	0.67	0	83.1	0.5
2500	0	100	158.97	0.04	0.72	0	83.4	0.5
2500	0	100	173.59	-0.07	0.76	0	86.7	0.5
2500	0	100	183.75	0.02	0.79	0	84.5	0.5
2500	0	100	15.58	0.03	0.79	0	83.3	0.5
2500	0	100	22.69	-0.04	0.8	0	84.8	0.5
2500	0	100	192.92	0.04	0.75	0	85.6	0.4
2500	0	100	248.72	-0.06	0.71	0	82.8	0.5
2500	0	100	344	0.02	0.81	0	83.7	0.5
2500	0	100	16.12	0.06	0.79	0	85.3	0.5
2500	0	100	25.17	-0.09	0.7	0	85.3	0.5
2500	0	100	277.1	0.08	0.72	0	83.4	0.5
2500	0	100	267.46	-0.06	0.76	0	84.8	0.5
2500	0	100	267.14	-0.01	0.86	0	86.8	0.5
2500	0	100	177.1	0.05	0.85	0	83.6	0.5
2500	0	100	184.81	-0.1	0.83	0	84.3	0.5
2500	0	100	208.05	0.06	0.82	0	86.8	0.5
2500	0	100	211.82	0.01	0.81	0	85.5	0.5
2500	0	100	217.53	-0.02	0.79	0	83.9	0.5
2500	0	100	177.44	0.02	0.87	0	84	0.5

2500	0	100	163.78	-0.03	0.89	0	85.2	0.5
2500	0	100	170.64	-0.01	0.77	0	83.5	0.5
2500	0	100	159.34	0.06	0.8	0	84.6	0.5
2500	0	100	150.37	-0.1	0.84	0	86.2	0.4
2500	0	100	174.7	0.09	0.88	0	84.9	0.5
2500	0	100	160.25	-0.07	0.89	0	83.8	0.5
2500	0	100	137.15	0	0.84	0	84.9	0.5
2500	0	100	71.02	0.07	0.84	0	85.8	0.5
2500	0	100	131.35	-0.1	0.84	0	83.3	0.5
2500	0	100	149.14	0.06	0.85	0	83.3	0.5
2500	0	100	120.58	0.01	0.87	0	85.6	0.5
2500	0	100	117.13	-0.07	0.9	0	86.1	0.5
2500	0	100	124.34	0.07	0.84	0	84.6	0.5
2500	0	100	113.25	-0.04	0.83	0	85.2	0.5
2500	0	100	93.47	-0.01	0.92	0	86.7	0.5
2500	0	100	153.8	0.08	0.91	0	83.9	0.5
2500	0	100	164.09	-0.1	0.91	0	85	0.5
2500	0	100	118.85	0.05	0.86	0	87.1	0.5
2500	0	100	120.9	0.01	0.87	0	84.7	0.5
2500	0	100	117.27	-0.03	0.9	0	83	0.5
2500	0	100	122.92	0.04	0.96	0	83.8	0.5
2500	0	100	129.9	-0.08	0.98	0	84.6	0.5
2500	0	100	146.51	0.04	0.87	0	81.9	0.4
2500	0	100	129.33	0.06	0.84	0	83.8	0.5
2500	0	100	125	-0.07	0.79	0	87	0.5
2500	0	100	140.11	0.05	0.9	0	85.2	0.5
2500	0	100	161.35	-0.03	0.93	0	83.3	0.5
2500	0	100	173.84	-0.02	0.95	0	84	0.5
2500	0	100	204.06	0.06	0.92	0	85.7	0.5
2500	0	100	195.79	-0.1	0.91	0	82.5	0.5
2500	0	100	192.1	0.05	0.9	0	83.7	0.5
2500	0	100	202.25	0.01	0.93	0	88	0.5
2500	0	100	201.79	-0.04	0.99	0	85.5	0.5
2500	0	100	18.51	0.06	0.92	0	82.9	0.5
2500	0	100	25.76	-0.06	0.9	0	84	0.5
2500	0	100	39.95	0	0.89	0	85.3	0.5
2500	0	100	38.23	0.08	0.95	0	82.8	0.5
2500	0	100	127.53	-0.12	0.99	0	82.2	0.5
2500	0	100	175.44	0.06	0.92	0	84.2	0.4
2500	0	100	151.52	-0.02	0.91	0	83.1	0.5
2500	0	100	94.22	-0.03	0.91	0	82.2	0.5
2500	0	100	23.24	0.08	0.88	0	83.1	0.5
2500	0	100	19.28	-0.11	0.86	0	84.1	0.5
2500	0	100	11.22	0.03	1.09	0	82.1	0.5
2500	0	100	7.41	-0.01	1.01	0	83.2	0.5
2500	0	100	7.22	-0.04	0.89	0	86.2	0.5
2500	0	100	358.33	0.04	0.92	0	83.6	0.5
2500	0	100	1.94	-0.09	0.95	0	81.9	0.5
2500	0	100	4.64	0.08	1.07	0	83.3	0.5
2500	0	100	340.69	0.06	1.03	0	85	0.5
2500	0	100	341.65	-0.13	1.01	0	83	0.5
2500	0	100	352.05	0.08	0.92	0	82.7	0.5

2500	0	100	346.65	0.03	0.91	0	85.6	0.5
2500	0	100	344.42	-0.09	0.91	0	82.9	0.5
2500	0	100	341.11	0.07	1.07	0	82.3	0.5
2500	0	100	358.13	-0.02	1.12	0	85	0.5
2500	0	100	26.17	0	0.9	0	85	0.4
2500	0	100	75.94	0.01	0.93	0	83.4	0.5
2500	0	100	135.17	-0.03	0.96	0	83.9	0.5
2500	0	100	135.58	0.04	1	0	85.7	0.5
2500	0	100	53.21	-0.06	1.01	0	84	0.5
2500	0	100	46.06	-0.01	0.99	0	82.8	0.5
2500	0	100	322.6	0.15	1.04	0	83.7	0.5
2500	0	100	302.66	-0.17	1.07	0	84.8	0.5
2500	0	100	288.22	0.05	0.9	0	83.5	0.5
2500	0	100	12.36	-0.01	0.98	0	83.7	0.5
2500	0	100	40.99	0	1.1	0	85.2	0.5
2500	0	100	354.76	0.02	0.96	0	82.3	0.5
2500	0	100	334.59	-0.02	0.94	0	83	0.5
2500	0	100	317.68	0	0.98	0	85.4	0.5
2500	0	100	325.78	0.06	0.98	0	84.1	0.5
2500	0	100	319.6	-0.11	0.98	0	82.6	0.5
2500	0	100	307.2	0.06	1.07	0	84	0.5
2500	0	100	286.23	0.02	1.05	0	85.7	0.5
2500	0	100	279.06	-0.06	0.98	0	81.8	0.4
2500	0	100	320.68	0.15	0.99	0	81.6	0.5
2500	0	100	296.69	-0.19	1	0	85.9	0.5
2500	0	100	245	0.08	0.98	0	85	0.5
2500	0	100	277.43	0.02	0.91	0	82.3	0.5
2500	0	100	326.65	-0.09	0.8	0	83.2	0.5
2500	0	100	22.88	0.11	1.07	0	85.4	0.5
2500	0	100	13.41	-0.08	1.09	0	81.6	0.5
2500	0	100	308.81	0.01	0.92	0	82.6	0.5
2500	0	100	9.63	0.01	1.12	0	87.3	0.5
2500	0	100	9.27	-0.05	1.25	0	85.3	0.5
2500	0	100	359.77	0.05	0.91	0	82.9	0.5
2500	0	100	347.61	-0.01	0.97	0	83.7	0.5
2500	0	100	338.49	-0.02	1.05	0	85.7	0.5
2500	0	100	9.04	0.07	0.91	0	83.6	0.5
2500	0	100	16.32	-0.11	0.92	0	83.2	0.5
2500	0	100	24.37	0.03	1.1	0	86.1	0.5
2500	0	100	11.31	0.13	1.1	0	83.7	0.5
2500	0	100	7.82	-0.12	1.12	0	82.5	0.4
2500	0	100	20.86	0.01	1	0	85.5	0.5
2500	0	100	14.16	-0.03	0.97	0	85.7	0.5
2500	0	100	2.62	0.03	0.94	0	83.9	0.5
2500	0	100	260.51	0.08	0.91	0	84.4	0.5
2500	0	100	297.3	-0.1	0.89	0	87.3	0.5
2500	0	100	341.91	0.08	0.97	0	85.3	0.5
2500	0	100	338.33	-0.02	0.97	0	84.8	0.5
2500	0	100	332.82	-0.03	0.97	0	86.3	0.5
2500	0	100	317.68	-0.03	0.9	0	85.2	0.5
2500	0	100	314.67	-0.07	0.91	0	82.7	0.5
2500	0	100	317.14	0.02	1.04	0	83.5	0.5

2500	0	100	331.39	0.09	1	0	85.8	0.5
2500	0	100	326.31	-0.09	0.98	0	82.3	0.5
2500	0	100	313.39	0.01	0.93	0	82.6	0.5
2500	0	100	346.34	0.03	0.92	0	86.8	0.5
2500	0	100	356.36	-0.08	0.89	0	84.4	0.5
2500	0	100	332.38	0.11	0.95	0	83.5	0.4
2500	0	100	331.75	-0.12	0.98	0	85.6	0.5
2500	0	100	333.43	0.09	0.97	0	85.9	0.5
2500	0	100	348.66	0.04	0.96	0	83.1	0.5
2500	0	100	353.23	-0.1	0.96	0	84	0.5
2500	0	100	353.59	0.09	1	0	86.7	0.5
2500	0	100	302.15	-0.08	0.98	0	84.1	0.5
2500	0	100	177.88	0.03	0.9	0	83.3	0.5
2500	0	100	153.98	0.04	0.93	0	84.8	0.5
2500	0	100	121.75	-0.09	0.95	0	85.6	0.5
2500	0	100	99.16	0.06	0.92	0	84	0.5
2500	0	100	131.48	-0.02	0.94	0	84.5	0.5
2500	0	100	120.84	-0.04	0.92	0	86.9	0.5
2500	0	100	60.32	0.08	0.88	0	83.2	0.5
2500	0	100	38.28	-0.02	0.89	0	83.6	0.5
2500	0	100	349.94	-0.05	0.98	0	87.8	0.5
2500	0	100	85.85	0.12	0.96	0	85.6	0.5
2500	0	100	103.25	-0.12	0.95	0	83.6	0.5
2500	0	100	120.97	0.05	0.91	0	85	0.4
2500	0	100	150.5	-0.03	0.91	0	85.3	0.5
2500	0	100	161.6	-0.01	0.95	0	83.2	0.5
2500	0	100	97.39	0.07	0.95	0	83.2	0.5
2500	0	100	101.49	-0.07	0.95	0	86.1	0.5
2500	0	100	119.01	0.04	0.96	0	84.3	0.5
2500	0	100	85.48	0.01	0.96	0	83.6	0.5
2500	0	100	95.6	-0.11	0.95	0	86.3	0.5
2500	0	100	136.5	0.13	0.95	0	86.6	0.5
2500	0	100	108.51	-0.07	0.94	0	83.9	0.5
2500	0	100	95.77	0.02	0.94	0	84.4	0.5
2500	0	100	128.7	0.08	0.9	0	86.6	0.5
2500	0	100	133.68	-0.13	0.93	0	83.1	0.5
2500	0	100	126.34	0.05	0.93	0	83.5	0.5
2500	0	100	124.03	0.06	0.92	0	87.1	0.5
2500	0	100	113.58	-0.1	0.92	0	84.9	0.5
2500	0	100	87.43	0.09	0.94	0	83.9	0.5
2500	0	100	73.65	-0.13	0.95	0	85.8	0.5
2500	0	100	72.71	0.01	0.89	0	87.4	0.4
2500	0	100	117.74	0.1	0.89	0	85.3	0.5
2500	0	100	120.15	-0.05	0.9	0	84.8	0.5
2500	0	100	69.02	0.01	0.91	0	86.3	0.5
2500	0	100	74.84	-0.05	0.92	0	84.4	0.5
2500	0	100	75.75	0	0.87	0	84.3	0.5
2500	0	100	69.93	0.04	0.83	0	85.8	0.5
2500	0	100	69.07	-0.13	0.82	0	86.8	0.5
2500	0	100	47.17	0.12	0.86	0	86.1	0.5
2500	0	100	55.47	0.01	0.87	0	86.6	0.5
2500	0	100	61.56	0.01	0.88	0	88	0.5

2500	0	100	55.39	0.02	0.85	0	85.2	0.5
2500	0	100	53.16	-0.06	0.85	0	85.2	0.5
2500	0	100	48.04	-0.02	0.88	0	88.2	0.5
2500	0	100	52.61	0.08	0.86	0	86.3	0.5
2500	0	100	54.26	-0.13	0.91	0	84.9	0.5
2500	0	100	20.64	0.08	0.83	0	86	0.5
2500	0	100	20.18	0.01	0.8	0	87.7	0.4
2500	0	100	25.06	-0.12	0.82	0	85.7	0.5
2500	0	100	30	0.13	0.83	0	85.1	0.5
2500	0	100	37.9	-0.11	0.83	0	87.4	0.5
2500	0	100	64.18	0.05	0.9	0	86	0.5
2500	0	100	40.89	0.03	0.94	0	85.2	0.5
2500	0	100	27.76	-0.1	0.99	0	86.1	0.5
2500	0	100	36.21	0.07	0.85	0	87.3	0.5
2500	0	100	22.32	-0.03	0.74	0	85.9	0.5
2500	0	100	22.05	0.02	0.78	0	86.6	0.5
2500	0	100	346.75	0.07	0.77	0	87.5	0.5
2500	0	100	356.15	-0.1	0.74	0	83.4	0.5
2500	0	100	12.35	0.02	0.8	0	84.2	0.5
2500	0	100	16.27	0.01	0.81	0	87.6	0.5
2500	0	100	20.55	-0.05	0.85	0	86.4	0.5
2500	0	100	37.03	0	0.99	0	84.5	0.5
2500	0	100	34.27	-0.07	1.04	0	85.1	0.5
2500	0	100	48.95	0.05	0.8	0	86.6	0.4
2500	0	100	62.85	0.12	0.75	0	84.2	0.5
2500	0	100	64.34	-0.08	0.64	0	84.4	0.5
2500	0	100	25.29	0.05	0.8	0	86.8	0.5
2500	0	100	44.7	-0.04	0.83	0	85.9	0.5
2500	0	100	121.55	0.01	0.75	0	83.1	0.5
2500	0	100	233.15	0.02	0.71	0	84	0.5
2500	0	100	219.12	-0.12	0.69	0	86.7	0.5
2500	0	100	156.66	0.07	0.67	0	83.1	0.5
2500	0	100	118.36	0.02	0.65	0	83.5	0.5
2500	0	100	100.42	-0.08	0.59	0	87	0.5
2500	0	100	39.31	0.09	0.6	0	85.6	0.5
2500	0	100	54.99	-0.06	0.61	0	84	0.5
2500	0	100	52.98	0.02	0.56	0	85.6	0.5
2500	0	100	55.1	0.11	0.55	0	87.9	0.5
2500	0	100	58.94	-0.19	0.59	0	85.5	0.5
2500	0	100	41.99	0.12	0.58	0	86.2	0.5
2500	0	100	68.24	0.04	0.59	0	89.6	0.5
2500	0	100	86.75	-0.1	0.59	0	88.2	0.4
2500	0	100	85.89	0.04	0.6	0	89.2	0.5
2500	0	100	91.2	0	0.6	0	89.4	0.5
2500	0	100	95.54	0.05	0.61	0	88.8	0.5
2500	0	100	77.4	-0.01	0.61	0	87.4	0.5
2500	0	100	59.6	-0.06	0.63	0	88.8	0.5
2500	0	100	55.35	0.03	0.62	0	90.5	0.5
2500	0	100	83.86	-0.03	0.61	0	89.2	0.5
2500	0	100	124.64	0.01	0.62	0	88.9	0.5
2500	0	100	28.22	0.05	0.61	0	88.6	0.5
2500	0	100	10.63	-0.13	0.61	0	88.9	0.5

2500	0	100	359.89	0.11	0.6	0	89.1	0.5
2500	0	100	28.49	0	0.6	0	90.4	0.5
2500	0	100	41.58	-0.09	0.62	0	90.4	0.5
2500	0	100	36.52	0.11	0.6	0	88.6	0.5
2500	0	100	38.14	-0.03	0.6	0	89.4	0.5
2500	0	100	36.39	-0.03	0.6	0	89.3	0.5
2500	0	100	14.52	0.05	0.58	0	89.2	0.5
2500	0	100	8.94	-0.07	0.56	0	89.1	0.5
2500	0	100	64.87	0.02	0.59	0	89.9	0.4
2500	0	100	67.04	0.02	0.61	0	90.7	0.5
2500	0	100	61.58	-0.02	0.61	0	90.2	0.5
2500	0	100	5.73	0.02	0.58	0	91.2	0.5
2500	0	100	1.05	-0.05	0.56	0	91.6	0.5
2500	0	100	11.86	0.03	0.57	0	90.3	0.5
2500	0	100	47.82	0.05	0.55	0	89.9	0.5
2500	0	100	69.42	-0.1	0.5	0	92.4	0.5
2500	0	100	57.82	0.09	0.53	0	91.8	0.5
2500	0	100	45.99	-0.06	0.53	0	89	0.5
2500	0	100	34.86	0.02	0.56	0	89.6	0.5
2500	0	100	34.48	0.08	0.55	0	90.9	0.5
2500	0	100	29.43	-0.15	0.54	0	90.4	0.5
2500	0	100	24.98	0.06	0.53	0	86.6	0.5
2500	0	100	29.87	0.05	0.55	0	85.2	0.5
2500	0	100	27.3	-0.06	0.56	0	87.3	0.5
2500	0	100	43.29	0.06	0.54	0	86.7	0.5
2500	0	100	39.38	-0.05	0.53	0	84.3	0.5
2500	0	100	27.58	0	0.52	0	85.6	0.4
2500	0	100	41.47	0.02	0.52	0	87.9	0.5
2500	0	100	52.04	-0.02	0.59	0	85.2	0.5
2500	0	100	36.46	0.01	0.55	0	84.5	0.5
2500	0	100	34.98	-0.07	0.53	0	86.7	0.5
2500	0	100	35.85	0.01	0.53	0	88.5	0.5
2500	0	100	46.53	0.07	0.53	0	84.8	0.5
2500	0	100	45.7	-0.13	0.52	0	84.5	0.5
2500	0	100	42.97	0.16	0.51	0	87.9	0.5
2500	0	100	27.17	-0.04	0.52	0	87.2	0.5
2500	0	100	15.19	-0.03	0.52	0	84.9	0.5
2500	0	100	8.66	0.06	0.48	0	85.8	0.5
2500	0	100	331.71	-0.13	0.46	0	87.6	0.5
2500	0	100	320.3	0.06	0.51	0	85.3	0.5
2500	0	100	349.37	0.06	0.5	0	84.8	0.5
2500	0	100	19.19	-0.13	0.5	0	86.1	0.5
2500	0	100	63.69	0.07	0.49	0	87.6	0.5
2500	0	100	53.47	0.01	0.48	0	85.2	0.4
2500	0	100	37.31	-0.05	0.51	0	84.2	0.5
2500	0	100	329.4	0.08	0.54	0	87.6	0.5
2500	0	100	325.86	-0.08	0.57	0	86.8	0.5
2500	0	100	317.67	0.02	0.42	0	84.4	0.5
2500	0	100	50.94	0.05	1.44	0	85.5	0.5
2500	0	100	50.66	-0.06	3.75	0	87	0.5
2500	0	100	41.59	0.06	0.77	0	84.7	0.5
2500	0	100	343.72	-0.05	0.51	0	84.4	0.5

2500	0	100	352.04	0	0.51	0	85.6	0.5
2500	0	100	356.49	0.06	0.51	0	86.5	0.5
2500	0	100	2.5	-0.08	0.51	0	84	0.5
2500	0	100	23.73	0.03	0.54	0	85.2	0.5
2500	0	100	306.87	0.01	0.55	0	87.9	0.5
2500	0	100	273.15	-0.02	0.59	0	85.1	0.5
2500	0	100	350.82	0.07	0.58	0	84.1	0.5
2500	0	100	36.33	-0.08	0.58	0	86.2	0.5
2500	0	100	72.05	0.01	0.56	0	88.2	0.4
2500	0	100	52.48	0.07	0.54	0	85.1	0.5
2500	0	100	38	-0.09	0.46	0	85.8	0.5
2500	0	100	24.32	0.04	0.49	0	86.7	0.5
2500	0	100	28.39	-0.05	0.51	0	88.4	0.5
2500	0	100	34.68	0.01	0.52	0	85.6	0.5
2500	0	100	45.09	0.05	0.51	0	85	0.5
2500	0	100	41.51	-0.09	0.48	0	87.9	0.5
2500	0	100	25.99	0.03	0.53	0	86.6	0.5
2500	0	100	12.4	0.01	0.53	0	85.3	0.5
2500	0	100	7.3	0	0.5	0	86.2	0.5
2500	0	100	143.87	0.02	0.53	0	88.1	0.5
2500	0	100	131.68	-0.04	0.55	0	85.8	0.5
2500	0	100	33.88	0.01	0.59	0	83.9	0.5
2500	0	100	26.54	0.06	0.61	0	86.6	0.5
2500	0	100	17.56	-0.08	0.65	0	88	0.5
2500	0	100	12.06	0.02	0.58	0	84.8	0.5
2500	0	100	44.23	0.02	0.57	0	86.2	0.4
2500	0	100	107.34	-0.07	0.58	0	88.7	0.5
2500	0	100	63.81	0.08	0.53	0	87.2	0.5
2500	0	100	67.79	-0.05	0.46	0	85.4	0.5
2500	0	100	98.25	0.03	0.58	0	85.9	0.5
2500	0	100	89.63	0.04	0.6	0	87.9	0.5
2500	0	100	79.39	-0.05	0.54	0	87.7	0.5
2500	0	100	348.19	0.03	0.58	0	85.8	0.5
2500	0	100	1.09	-0.05	0.61	0	86	0.5
2500	0	100	48.37	-0.02	0.6	0	88.8	0.5
2500	0	100	119.69	0.07	0.61	0	87.2	0.5
2500	0	100	115.64	-0.05	0.63	0	85.3	0.5
2500	0	100	95.34	0.03	0.61	0	86.8	0.5
2500	0	100	40.8	0	0.61	0	87.5	0.5
2500	0	100	23.81	-0.04	0.65	0	84.7	0.5
2500	0	100	131.03	0.03	0.64	0	84.7	0.5
2500	0	100	138.11	-0.01	0.63	0	87.5	0.5
2500	0	100	136.91	0	0.66	0	88.2	0.4
2500	0	100	60.59	0.02	0.67	0	84.8	0.5
2500	0	100	45.26	-0.12	0.65	0	85	0.5
2500	0	100	76.09	0.12	0.62	0	87.3	0.5
2500	0	100	79.29	-0.03	0.6	0	88.3	0.5
2500	0	100	90.32	0.02	0.64	0	85.2	0.5
2500	0	100	79.15	0.05	0.62	0	85.4	0.5
2500	0	100	67.65	-0.08	0.6	0	88.8	0.5
2500	0	100	32.18	0.03	0.65	0	88.1	0.5
2500	0	100	74.68	0.01	0.67	0	84.6	0.5

2500	0	100	82.26	-0.05	0.69	0	85.4	0.5
2500	0	100	58.95	0.01	0.68	0	89.1	0.5
2500	0	100	60.01	-0.01	0.67	0	87.7	0.5
2500	0	100	74.22	0.02	0.63	0	84.1	0.5
2500	0	100	20.39	0.01	0.65	0	85	0.5
2500	0	100	29.6	-0.04	0.67	0	88.5	0.5
2500	0	100	108.74	0.06	0.68	0	86.3	0.5
2500	0	100	83	-0.03	0.69	0	83.8	0.5
2500	0	100	69.18	0.01	0.69	0	86.6	0.5
2500	0	100	77.7	0.06	0.64	0	88.9	0.4
2500	0	100	83.31	-0.06	0.56	0	85.9	0.5
2500	0	100	95.06	0	0.66	0	84.5	0.5
2500	0	100	64.93	-0.02	0.69	0	86.3	0.5
2500	0	100	47.39	0.02	0.7	0	87.8	0.5
2500	0	100	62.29	0.01	0.67	0	85.2	0.5
2500	0	100	54.63	-0.07	0.66	0	84.2	0.5
2500	0	100	43.68	0.04	0.73	0	87.1	0.5
2500	0	100	58.75	0.07	0.73	0	88.7	0.5
2500	0	100	57.72	-0.09	0.72	0	85.1	0.5
2500	0	100	45.81	0.06	0.71	0	85.4	0.5
2500	0	100	56.72	0	0.71	0	88.1	0.5
2500	0	100	69.84	-0.07	0.7	0	86.6	0.5
2500	0	100	71.01	0.05	0.69	0	85.2	0.5
2500	0	100	70.55	-0.05	0.68	0	86.7	0.5
2500	0	100	74.73	-0.02	0.66	0	88.9	0.5
2500	0	100	86.62	0.1	0.68	0	87.9	0.5
2500	0	100	88.68	-0.08	0.73	0	85.1	0.4
2500	0	100	61.15	0.11	0.76	0	85.1	0.5
2500	0	100	70.44	-0.1	0.78	0	87.7	0.5
2500	0	100	75.12	-0.03	0.76	0	87	0.5
2500	0	100	71.47	0.09	0.76	0	85.8	0.5
2500	0	100	71.84	-0.09	0.76	0	86	0.5
2500	0	100	95.02	0.05	0.68	0	88.7	0.5
2500	0	100	72.92	0.04	0.67	0	88	0.5
2500	0	100	71.52	-0.1	0.71	0	84.5	0.5
2500	0	100	79.43	0.01	0.7	0	85.5	0.5
2500	0	100	67.09	0	0.68	0	89	0.5
2500	0	100	45.68	0	0.76	0	87.2	0.5
2500	0	100	47.56	0.11	0.74	0	84.3	0.5
2500	0	100	82.84	-0.12	0.73	0	85.9	0.5
2500	0	100	103.83	0.05	0.74	0	88.3	0.5
2500	0	100	97.15	-0.03	0.74	0	87	0.5
2500	0	100	87.12	-0.06	0.74	0	84.5	0.5
2500	0	100	37.99	0.09	0.78	0	85.9	0.5
2500	0	100	41.32	-0.06	0.81	0	88.9	0.5
2500	0	100	47.76	0.04	0.8	0	87	0.4
2500	0	100	66.52	0.06	0.8	0	85	0.5
2500	0	100	72.89	-0.1	0.78	0	87	0.5
2500	0	100	42.28	0.07	0.83	0	89	0.5
2500	0	100	29.22	-0.08	0.86	0	88.1	0.5
2500	0	100	19.34	0.04	0.85	0	85.2	0.5
2500	0	100	24.27	0.05	0.85	0	86.5	0.5

2500	0	100	41.78	-0.07	0.84	0	88.2	0.5
2500	0	100	64.31	-0.03	0.81	0	86.7	0.5
2500	0	100	72.51	-0.01	0.82	0	85.1	0.5
2500	0	100	83.17	0	0.89	0	86.7	0.5
2500	0	100	118.16	0.11	0.89	0	89	0.5
2500	0	100	127.95	-0.03	0.89	0	87.5	0.5
2500	0	100	141.56	-0.1	0.89	0	86.1	0.5
2500	0	100	159.15	0.16	0.89	0	87.1	0.5
2500	0	100	141.1	-0.1	0.89	0	88.5	0.5
2500	0	100	137.44	0.07	0.9	0	87.4	0.5
2500	0	100	149.75	-0.01	0.9	0	85.3	0.4
2500	0	100	158.57	-0.07	0.93	0	86.8	0.5
2500	0	100	95.93	0.14	0.92	0	89.1	0.5
2500	0	100	91.92	-0.13	0.9	0	87.8	0.5
2500	0	100	120.89	0.07	0.91	0	84.7	0.5
2500	0	100	131.24	0.01	0.91	0	86.5	0.5
2500	0	100	135.67	-0.05	0.9	0	89.1	0.5
2500	0	100	139.96	0.02	0.93	0	86.8	0.5
2500	0	100	154.81	-0.06	0.96	0	84.8	0.5
2500	0	100	188.7	0.02	0.96	0	86.4	0.5
2500	0	100	203.95	0.04	0.95	0	88.1	0.5
2500	0	100	181.79	-0.02	0.93	0	86.7	0.5
2500	0	100	104.91	0	0.95	0	84.3	0.5
2500	0	100	131.19	0.01	0.95	0	85.6	0.5
2500	0	100	140.96	-0.09	0.94	0	88.6	0.5
2500	0	100	142.82	0.1	0.97	0	87.5	0.5
2500	0	100	143.95	-0.13	0.98	0	85	0.5
2500	0	100	138.51	0.11	0.98	0	86.2	0.5
2500	0	100	155.54	0.06	0.96	0	88.6	0.4
2500	0	100	166.51	-0.14	0.9	0	87.6	0.5
2500	0	100	184.96	0.12	0.9	0	84.7	0.5
2500	0	100	318.45	-0.05	0.9	0	85.4	0.5
2500	0	100	349.11	-0.02	0.93	0	87.3	0.5
2500	0	100	120.98	0.07	0.93	0	87.7	0.5
2500	0	100	134.88	-0.13	0.92	0	85.3	0.5
2500	0	100	132.36	0.1	0.89	0	85.4	0.5
2500	0	100	130.51	0.01	0.9	0	88.2	0.5
2500	0	100	132.49	-0.08	0.92	0	88.3	0.5
2500	0	100	197.37	0.11	0.87	0	86	0.5
2500	0	100	198.46	-0.07	0.84	0	86.3	0.5
2500	0	100	193.02	-0.03	0.87	0	89	0.5
2500	0	100	183.17	0.07	0.89	0	88.2	0.5
2500	0	100	177.37	-0.11	0.93	0	86.3	0.5
2500	0	100	173.63	0.08	0.89	0	85.5	0.5
2500	0	100	180.69	0.01	0.88	0	87.8	0.4
2500	0	100	181.29	-0.09	0.91	0	88.4	0.5
2500	0	100	218.29	0.05	0.88	0	86.3	0.5
2500	0	100	210.26	-0.07	0.83	0	84.7	0.5
2500	0	100	207.37	0.05	0.85	0	86.3	0.5
2500	0	100	238.38	0	0.85	0	89.5	0.5
2500	0	100	249.6	-0.05	0.84	0	88.1	0.5
2500	0	100	284.98	0.08	0.88	0	85	0.5

2500	0	100	248.76	-0.07	0.92	0	86.3	0.5
2500	0	100	215.75	0.01	0.9	0	88.9	0.5
2500	0	100	135.54	0.07	0.9	0	88.5	0.5
2500	0	100	115.14	-0.06	0.88	0	85.1	0.5
2500	0	100	108.43	0.06	0.92	0	86.1	0.5
2500	0	100	149.91	0.05	0.93	0	89.5	0.5
2500	0	100	180.36	-0.11	0.98	0	88.9	0.5
2500	0	100	101.52	0.04	0.9	0	86.6	0.5
2500	0	100	102.8	-0.07	0.89	0	85.6	0.5
2500	0	100	94.74	0.07	0.93	0	88.2	0.5
2500	0	100	95.04	0.09	0.92	0	89.7	0.5
2500	0	100	95.24	-0.12	0.9	0	88.2	0.4
2500	0	100	85.49	0.06	0.88	0	85.8	0.5
2500	0	100	119.14	-0.03	0.87	0	87	0.5
2500	0	100	137.46	0	0.9	0	88.6	0.5
2500	0	100	138.48	0.09	0.92	0	88.2	0.5
2500	0	100	133.09	-0.15	0.94	0	84.7	0.5
2500	0	100	50.33	0.09	0.87	0	85.3	0.5
2500	0	100	73.86	0	0.87	0	89.2	0.5
2500	0	100	92.78	-0.13	0.93	0	89.1	0.5
2500	0	100	105.75	0.1	0.9	0	86.5	0.5
2500	0	100	105.26	-0.08	0.88	0	85.1	0.5
2500	0	100	93.41	0.03	0.93	0	87.9	0.5
2500	0	100	136.45	0.06	0.93	0	89.2	0.5
2500	0	100	138.03	-0.02	0.94	0	87.5	0.5
2500	0	100	33.82	-0.02	0.95	0	84.9	0.5
2500	0	100	23.83	-0.02	0.95	0	86.9	0.5
2500	0	100	18.72	-0.05	0.94	0	89.2	0.5
2500	0	100	355.67	0.16	0.93	0	89	0.4
2500	0	100	345.17	-0.08	0.91	0	86.4	0.5
2500	0	100	342.12	0.02	0.93	0	86.3	0.5
2500	0	100	311.43	0	0.92	0	88.4	0.5
2500	0	100	314.95	-0.06	0.91	0	89.2	0.5
2500	0	100	275.15	0.09	0.91	0	87.8	0.5
2500	0	100	256.93	-0.1	0.91	0	86.2	0.5
2500	0	100	170.38	-0.02	0.91	0	87.5	0.5
2500	0	100	135.21	0.07	0.92	0	89	0.5
2500	0	100	133.6	-0.07	0.94	0	89.4	0.5
2500	0	100	151.23	0.1	0.93	0	87	0.5
2500	0	100	153.77	0.03	0.91	0	87.1	0.5
2500	0	100	158.51	-0.13	0.89	0	89.3	0.5
2500	0	100	139.23	0.12	0.9	0	88.7	0.5
2500	0	100	149.58	-0.06	0.93	0	87.9	0.5
2500	0	100	169.47	-0.02	0.89	0	86.7	0.5
2500	0	100	196.18	0.05	0.88	0	87.5	0.5
2500	0	100	203.95	-0.1	0.83	0	89.5	0.5
2500	0	100	194.16	0.06	0.83	0	89.3	0.5
2500	0	100	199.56	0.01	0.82	0	85.8	0.5
2500	0	100	195.4	-0.1	0.85	0	86.5	0.5
2500	0	100	206.85	0.13	0.87	0	89.3	0.4
2500	0	100	205.53	-0.06	0.88	0	90.2	0.5
2500	0	100	211.43	0.04	0.86	0	88.2	0.5

2500	0	100	235.54	0.04	0.82	0	86.4	0.5
2500	0	100	248.48	-0.07	0.8	0	88.8	0.5
2500	0	100	259.84	0.04	0.83	0	90.6	0.5
2500	0	100	253.66	-0.1	0.84	0	89.5	0.5
2500	0	100	249.88	0.06	0.86	0	86	0.5
2500	0	100	169.73	-0.07	0.85	0	86.2	0.5
2500	0	100	149.55	0	0.82	0	88.4	0.5
2500	0	100	150.6	0.04	0.87	0	89.8	0.5
2500	0	100	164.12	0.07	0.84	0	88.3	0.5
2500	0	100	173.63	-0.04	0.79	0	86	0.5
2500	0	100	183.12	0.02	0.73	0	88.6	0.5
2500	0	100	169.46	0.02	0.73	0	90.5	0.5
2500	0	100	132.62	-0.05	0.8	0	89.3	0.5
2500	0	100	83.13	0.14	0.8	0	85.9	0.5
2500	0	100	82.03	-0.14	0.79	0	86.8	0.5
2500	0	100	123.07	0.07	0.8	0	89.3	0.5
2500	0	100	165.75	-0.01	0.78	0	88.8	0.4
2500	0	100	179.9	-0.07	0.74	0	85.6	0.5
2500	0	100	186.73	0.09	0.75	-111.7	86.4	0.5
2683.9	0	100	186.16	-0.14	0.75	-105.9	88.8	0.5
2943.3	0	100	185.35	0.09	0.75	-237.4	90.3	0.5
2704.6	0	100	207.67	0.04	0.76	-314.4	88.8	0.5
2519.4	0	100	222.6	-0.07	0.75	-365.7	86	0.5
2722.9	0	100	101.73	0.07	0.73	-93.6	87.5	0.5
2453	0	100	137	-0.11	0.73	-203.7	89.9	0.5
2061.9	0	100	161.39	0.02	0.74	-368.9	89.4	0.5
2118.1	0	100	157.28	0.13	0.76	-61.1	86.5	0.5
2335.3	0	100	126.46	-0.16	0.78	63.7	87	0.5
2567.3	0	100	12.69	0.04	0.85	255.2	90.3	0.5
1006.2	0	100	327.23	0.05	0.82	178.3	90.3	0.5
55.9	0	100	339.8	-0.07	0.88	127	87.5	0.5
-67.7	0	100	7.41	0.07	0.9	240	86.1	0.5
10.6	0	100	356.14	-0.09	0.91	323.5	88.6	0.5
64.5	0	100	358.54	0.03	1.01	448.7	89.5	0.5
220.8	0	100	336.26	0.04	0.95	474.9	87.9	0.5
73.8	0	100	357.51	-0.11	0.89	492.6	85.2	0.5
59.4	0	100	32.84	0.04	0.98	537.5	85.7	0.5
387.1	0	100	22.09	0.05	1.01	403	87.9	0.5
489	0	100	21.02	-0.13	1.06	313.4	87.5	0.5
410.4	0	100	36.51	0.1	1.07	274.4	83.9	0.4
382.8	0	100	42.14	-0.04	1.09	238.8	84.5	0.5
378.1	0	100	50.36	0.06	1.09	185.3	87.3	0.5
313.7	0	100	351.63	0.01	1.11	228.4	87.2	0.5
224.5	0	100	341.58	-0.04	1.15	239.6	85.9	0.5
175.3	0	100	341.29	0.07	1.19	241.2	82.2	0.5
110.2	0	100	359.05	-0.03	1.22	308.8	83.3	0.5
-16.8	0	100	17.39	0.01	1.31	353.9	85.1	0.5
115.7	0	100	34.22	0.05	1.34	366.1	83.5	0.5
204.3	0	100	40.06	-0.08	1.32	371.4	80.8	0.5
278.7	0	100	46.37	0.04	1.37	375.8	82.1	0.5
335.4	0	100	41.27	-0.02	1.37	359.5	84.4	0.5
326.4	0	100	46.64	-0.06	1.39	355.2	84.1	0.5

264.4	0	100	17.41	0.07	1.43	354.4	81.6	0.5
248.8	0	100	3.07	-0.06	1.43	374.6	79.3	0.5
231.1	0	100	350.85	0.02	1.39	388	81.1	0.5
83.5	0	100	4.92	0.08	1.4	345	81.7	0.5
15.8	0	100	16.33	-0.13	1.42	303.7	79.6	0.5
23.5	0	100	32.04	0.09	1.32	241.8	77.1	0.5
29.5	0	100	37.28	-0.02	1.37	179.5	79.3	0.5
45.8	0	100	44.79	-0.06	1.45	166.9	81.6	0.5
50.6	0	100	31.46	0.04	1.39	148.1	80.5	0.5
54.5	0	100	52.47	0.01	1.41	146.1	77	0.5
65.3	0	100	60.35	0.04	1.45	153.4	77.5	0.5
69.4	0	100	93.85	-0.02	1.62	184.7	80.3	0.5
56.2	0	100	88.21	-0.1	1.74	184.5	79.8	0.5
38	0	100	78.43	0.11	1.47	188.8	77.6	0.5
35.6	0	100	46.62	0.04	1.4	211	76.8	0.5
41.8	0	100	44.35	-0.08	1.28	190.2	78.8	0.5
37.6	0	100	130.75	0.05	1.22	176.4	80.2	0.5
38.1	0	100	151.36	-0.05	1.22	228.7	78.8	0.4
35.2	0	100	166.98	0.08	1.28	233.5	76.2	0.5
38.5	0	100	201.44	0	1.33	240.8	78.4	0.6
35	0	100	218.72	-0.06	1.36	274.6	80.2	0.5
24.5	0	100	232.1	0.08	1.55	286.6	80.9	0.5
18.6	0	100	348.16	-0.03	1.5	301.1	76.5	0.5
26.9	0	100	28.4	-0.09	1.44	301.5	77.4	0.5
25.7	0	100	182.12	0.08	1.42	302.4	80.6	0.5
25.1	0	100	168.88	-0.04	1.41	305.3	80.4	0.5
16.7	0	100	166.72	-0.05	1.37	319.9	78.8	0.5
15.6	0	100	134.44	0.12	1.34	329.6	77.4	0.5
17.1	0	100	176.2	-0.1	1.36	322.7	79.3	0.6
31.4	0	100	173.29	0.01	1.5	345.7	80.3	0.5
33.5	0	100	223.67	0.12	1.66	380.2	79.6	0.5
16.9	0	100	252.52	-0.11	1.78	351.9	77.3	0.5
13.5	0	100	15.18	0.05	1.12	369.6	78.5	0.5
9.8	0	100	49.71	-0.03	1.2	419.3	80.4	0.5
3.6	0	100	70.99	-0.38	1.35	446.7	80.1	0.5
7	0	100	83.8	0.44	1.46	450.2	76.5	0.5
6.6	0	100	81.02	-0.43	1.54	436.8	77.3	0.6
1.8	0	100	88.4	0.42	1.64	374.5	81.5	0.5
11	0	100	108.63	0.01	1.6	332.9	81.4	0.5
12.2	0	100	114.05	-0.08	1.56	489.1	78.3	0.5
6.4	0	100	126.09	0.02	1.46	479.7	77.4	0.5
7.4	0	100	123.65	0.07	1.44	465.6	80	0.5
20	0	100	133.62	-0.15	1.43	290.6	80.7	0.5
17.5	0	100	151.74	0.08	1.47	337.9	79.1	0.5
2.1	0	100	158.16	0.01	1.52	408.9	77	0.5
3	0	100	144.98	-0.11	1.58	409.5	79.2	0.5
7.5	0	100	117.74	0.12	1.51	412.4	81.1	0.6
6.4	0	100	123.87	0	1.55	423.2	80.7	0.5
-18.1	0	100	126.27	-0.05	1.61	412.2	77	0.5
3.5	0	100	169.05	0.08	1.59	404.9	78.7	0.5
-3.3	0	100	170.1	0	1.58	376.5	81	0.5
-6	0	100	176.41	-0.02	1.57	262.1	81.1	0.5

2.7	0	100	193.7	0.05	1.42	185.9	79.1	0.5
3.7	0	100	172.96	-0.1	1.33	398.4	77.5	0.5
-4	0	100	116.07	0.09	1.16	386.9	80.7	0.5
-10.3	0	100	140.52	0	1.29	369.7	81.4	0.6
28	0	100	148.18	-0.05	1.37	339.3	79.1	0.5
-2.3	0	100	175.22	0	1.38	339.3	76.2	0.5
-5.6	0	100	205.1	0.02	1.3	369.5	78.8	0.5
-8.2	0	100	220.75	-0.06	1.24	377.3	81.2	0.5
11.7	0	100	52.83	0.05	1.28	363	80.3	0.5
2.1	0	100	42.01	-0.05	1.35	290.3	77.2	0.5
4.4	0	100	37.9	-0.01	1.41	319.8	78.4	0.5
7	0	100	75.96	0.02	1.28	339.4	81.5	0.5
8.8	0	100	51.15	-0.07	1.33	373.7	81.2	0.6
32	0	100	73.35	0.06	1.84	338.8	78.9	0.5
1	0	100	146.32	0.05	1.7	286.4	77.8	0.5
25.9	0	100	180.23	-0.03	1.62	368.9	80.1	0.5
-5.9	0	100	202.81	0.05	1.61	346.3	81.6	0.5
-7.5	0	100	187.33	0	1.63	259.8	80.2	0.5
1.7	0	100	132.25	-0.05	1.68	355.9	77.2	0.5
19	0	100	54.85	0.09	1.62	343.5	78.6	0.5
-30.2	0	100	47.75	-0.08	1.6	197.7	80.8	0.5
-26.5	0	100	42.33	0.02	1.67	292.7	81.4	0.6
11.9	0	100	70.27	0.06	1.61	356.1	79	0.5
1.4	0	100	72.2	-0.06	1.65	420.9	77.4	0.5
32.3	0	100	100.21	0.01	1.67	472.6	81.8	0.5
28.2	0	100	257.99	0.06	1.59	550.2	81.4	0.5
10.6	0	100	268.32	-0.1	1.5	525.5	80	0.5
-9.2	0	100	8.66	0.08	1.47	515.2	77.3	0.5
18.7	0	100	353.78	0.03	1.49	507.2	78.2	0.5
-1.8	0	100	0.17	-0.03	1.52	398	80.6	0.5
33.2	0	100	30.69	0.04	1.78	409.2	80.7	0.6
-24.7	0	100	42.7	-0.03	1.71	563.2	78.7	0.5
-27.7	0	100	40.95	-0.03	1.61	556.3	77.8	0.5
-16.2	0	100	20.67	0.05	1.59	551.7	80.7	0.5
-4	0	100	35.47	-0.01	1.58	383.1	81.2	0.5
2.2	0	100	161.93	0.03	1.6	499	79.9	0.5
8.3	0	100	164.3	0.06	1.71	576.2	76.5	0.5
11.1	0	100	93.3	-0.12	1.78	561	78.3	0.5
-29.7	0	100	47.34	0.04	1.57	542.7	80.9	0.5
26.2	0	100	1.5	0.03	1.62	515.2	81.5	0.6
-0.2	0	100	350.86	-0.07	1.64	559	78.2	0.5
3.4	0	100	334.01	0.06	1.61	570.6	77.1	0.5
-1.5	0	100	334.52	0.01	1.66	572.9	81.8	0.5
2.2	0	100	336.88	-0.1	1.74	585.3	81.3	0.5
18	0	100	0.15	0.12	1.62	593.3	79.9	0.5
3.1	0	100	356.13	-0.04	1.61	592	77	0.5
-1.2	0	100	337.78	0	1.67	596.3	79.3	0.5
-6.3	0	100	163.4	0.04	1.57	599.2	80.8	0.5
6.7	0	100	155.8	-0.07	1.54	596.7	80.1	0.5
2.3	0	100	166.64	0.1	1.62	597.5	79.1	0.6
0.1	0	100	237.52	0.08	1.58	598.8	77.5	0.5
-2.7	0	100	242.02	-0.13	1.55	590.7	79.7	0.5

-14.3	0	100	236.09	0.01	1.33	585.9	81.8	0.5
-1.3	0	100	261.42	0.02	1.42	574.6	79.8	0.5
0.6	0	100	278.37	-0.05	1.57	577.9	76.6	0.5
1.5	0	100	294.04	0.13	1.56	579	79.3	0.5
0.8	0	100	277.69	-0.03	1.53	576.4	82.6	0.5
0.5	0	100	264.73	-0.02	1.45	567.3	82.6	0.6
1.4	0	100	256.77	0.01	1.39	561.3	80.6	0.5
2.1	0	100	251.43	-0.04	1.35	533.3	78	0.5
1.6	0	100	239.05	-0.06	1.29	551.2	80.7	0.5
1.4	0	100	307.39	0.1	1.24	578.1	81.7	0.5
1.4	0	100	299.04	-0.02	1.32	567.9	80.9	0.5
1	0	100	297.37	0.13	1.48	576.7	78.8	0.5
1.2	0	100	223.13	-0.02	1.41	599.3	78.7	0.5
1.3	0	100	201.83	-0.1	1.35	597.8	81.8	0.5
1.1	0	100	340.23	-0.04	1.39	597.4	82.5	0.5
0.8	0	100	322.38	0	1.41	597.3	80.2	0.6
0.3	0	100	314.53	0.06	1.4	585.7	76.5	0.5
0.7	0	100	287.76	0.04	1.42	578	78.9	0.5
0.8	0	100	235.47	-0.05	1.44	597.2	82.9	0.5
0.6	0	100	235.59	0.03	1.57	589.7	82.6	0.5
0.2	0	100	251.6	0.06	1.55	578.4	80.6	0.5
-1.2	0	100	265.78	-0.05	1.64	591.3	77.5	0.5
0.5	0	100	260.05	0.04	1.64	585.5	79.6	0.5
0.7	0	100	281.61	0.03	1.55	572.9	81.5	0.5
0.9	0	100	277.7	-0.07	1.45	569.5	81.8	0.5
1	0	100	261.33	0.06	1.68	570.3	80.5	0.6
0.5	0	100	263.75	0.02	1.63	576.8	78.2	0.5
0.9	0	100	252.62	-0.04	1.56	577	80.1	0.5
1.2	0	100	205.68	0.06	1.66	577.2	81.8	0.5
2.6	0	100	239.62	0.03	1.67	577.7	80.9	0.5
1	0	100	270.22	0.09	1.61	584.6	77.6	0.5
0.7	0	100	313.49	0.06	1.61	594.9	79.3	0.5
0.7	0	100	301.1	-0.09	1.61	580.3	83.7	0.5
1	0	100	286.91	0.06	1.54	577.9	83.7	0.5
0.9	0	100	274.53	-0.09	1.52	574.2	81.1	0.6
0.9	0	100	256.38	-0.05	1.5	580.2	77.6	0.5
1.2	0	100	242.86	0.03	1.32	585.2	79	0.5
1	0	100	247.68	0.03	1.37	599.4	80.9	0.5
1.1	0	100	237.06	-0.06	1.45	599.5	82.3	0.5
1.1	0	100	277.27	0.05	1.46	599.6	81.5	0.5
0.7	0	100	283.1	-0.02	1.44	599.6	77.7	0.5
0.4	0	100	289.92	0.01	1.32	599.7	80.5	0.5
0.7	0	100	257.97	0.09	1.26	599.7	82.2	0.5
4	0	100	244.87	-0.1	1.24	598.2	82.9	0.5
9.7	0	100	228.5	0.08	1.34	586.9	81.9	0.6
8.1	0	100	295.98	-0.01	1.32	569.9	79.2	0.5
8.3	0	100	276.29	-0.04	1.31	525.9	81.3	0.5
8.9	0	100	258.45	0.05	1.38	514.2	83.5	0.5
0.4	0	100	270.05	0.01	1.33	511.2	81.8	0.5
0.5	0	100	271.66	-0.07	1.29	502.7	77.9	0.5
-0.3	0	100	203.58	0.11	1.34	491	79.9	0.5
-3.9	0	100	167.04	-0.07	1.34	460.9	83.1	0.5

-9.5	0	100	135.56	0.03	1.28	490.2	82	0.5
-8.1	0	100	116.67	0.05	1.25	509.8	81.4	0.5
-8.1	0	100	122.15	-0.08	1.27	522.9	78.3	0.6
-8.3	0	100	266.52	0.08	1.31	523.9	80.2	0.5
-0.1	0	100	326.81	0.04	1.32	525.3	83.6	0.5
0.1	0	100	325.49	-0.1	1.32	532.7	83.2	0.5
0.4	0	100	320.97	0.08	1.33	531.2	81.7	0.5
0.7	0	100	293.32	0.02	1.32	517.6	78.1	0.5
4.5	0	100	299.62	-0.1	1.35	533.4	80	0.5
12.2	0	100	316.31	0.11	1.42	534.9	82.9	0.5
-1.1	0	100	336.89	-0.06	1.39	525.2	83.2	0.5
1.1	0	100	44.98	0.02	1.29	502	81.7	0.6
3.7	0	100	325.96	0.07	1.4	486.6	79	0.5
5.6	0	100	336.68	-0.06	1.4	541.3	80.5	0.5
-1.7	0	100	325.51	0.02	1.23	544	82.1	0.5
0	0	100	353.29	0.1	1.33	548	82.7	0.5
-3.6	0	100	351.85	-0.15	1.41	563.2	81	0.5
-10.6	0	100	343.39	0.05	1.46	564.1	79.6	0.5
1.6	0	100	156.09	0.11	1.44	558.2	81.8	0.5
-2.9	0	100	135.33	-0.03	1.39	529.3	82.3	0.5
-2.2	0	100	350.71	0.02	1.35	521.6	82.7	0.6
-4.8	0	100	341.44	-0.03	1.29	519.5	81.2	0.5
-3.3	0	100	335.37	-0.01	1.19	527.2	79.6	0.5
-7.9	0	100	336.71	0.09	1.37	532.3	82.5	0.5
0.5	0	100	343.93	-0.06	1.41	509.1	83.7	0.5
0.4	0	100	338.44	0.01	1.36	513.1	83.4	0.5
0.7	0	100	303.07	0.15	1.34	519	79.5	0.5
3.8	0	100	309.01	-0.05	1.32	509.6	78.5	0.5
0.8	0	100	344.93	0.06	1.44	521.4	81.9	0.5
1.1	0	100	341.63	0	1.41	539.2	83.5	0.5
4.2	0	100	314.72	-0.04	1.41	532.9	83.1	0.6
8.6	0	100	265.03	0.02	1.41	534.9	80.2	0.5
-6.4	0	100	287.52	0.01	1.4	549.1	79.7	0.5
3.5	0	100	297.03	-0.04	1.47	525	82.9	0.5
0.9	0	100	304.32	0.08	1.29	509	82.9	0.5
-0.9	0	100	314.48	-0.03	1.27	419.6	81.7	0.5
-0.1	0	100	335.39	0.01	1.22	480.3	78.7	0.5
2.1	0	100	26.49	0.04	1.2	520.8	81.1	0.5
5.9	0	100	60.53	-0.08	1.16	428.9	84.2	0.5
1.3	0	100	194.56	0.04	1.24	469	83.7	0.5
8	0	100	176.67	0.08	1.12	529.2	81.3	0.6
0.4	0	100	164.41	-0.12	1.05	552.2	79.1	0.5
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-0.8	0	100	207.87	0.03	0.97	544.1	81.8	0.5
-4.7	0	100	196.05	-0.06	1.08	564.8	83.1	0.5
-3.9	0	100	204.98	0.08	1.15	574.2	81.8	0.5
2.7	0	100	282.1	-0.04	1.21	570.7	79.1	0.5
3.6	0	100	359.55	-0.06	1.63	571.1	81.6	0.5
6.7	0	100	317.5	0.12	1.72	571.4	83.4	0.5
-1	0	100	321.9	-0.12	1.83	540.7	84.4	0.6
-3.6	0	100	341.75	0.08	1.27	540.8	81.9	0.5
1.5	0	100	322.87	0.08	1.24	540.9	78.1	0.5

5.6	0	100	325.85	-0.06	1.17	534.3	83.2	0.5
3.3	0	100	310.38	0.1	1.34	532.1	85.2	0.5
-4.3	0	100	301.92	0.06	1.21	530.9	84.2	0.5
-2.8	0	100	288.6	-0.09	1.04	541.7	81.2	0.5
-5.9	0	100	308.59	0.08	1.12	540.7	78.5	0.5
0.7	0	100	292.82	-0.02	1.13	525.9	80.9	0.5
2.4	0	100	288.33	-0.03	1.12	534.4	83.2	0.6
2.1	0	100	297.84	0.02	1.19	540	83.9	0.5
2.2	0	100	321.72	0.03	1.27	521.3	80.8	0.5
1.6	0	100	330.87	0.01	1.46	530.8	79.1	0.5
0.8	0	100	234.36	0.02	1.5	545	82.8	0.5
0.6	0	100	264.83	-0.04	1.52	523.9	83.9	0.5
0.7	0	100	297.92	0.06	1.38	532.7	82.5	0.5
0.3	0	100	300.92	0.04	1.42	545.9	80.1	0.5
0.3	0	100	310.38	-0.06	1.49	529.2	80	0.5
0.6	0	100	304.72	0.09	1.43	529.3	82.6	0.6
0.5	0	100	309.54	-0.1	1.53	546.6	82.9	0.5
0.6	0	100	315.34	-0.05	1.64	533.3	82	0.5
0.6	0	100	316.57	0.06	1.49	524.5	78.7	0.5
0.4	0	100	312.19	-0.02	1.46	544.2	79.6	0.5
0.4	0	100	315.03	0.04	1.51	534.7	84	0.5
0.5	0	100	271.9	0.15	1.55	528.3	84.7	0.5
0.6	0	100	267.03	-0.1	1.56	553.7	83.1	0.5
0.3	0	100	248.86	0.09	1.56	547.5	79	0.5
0.1	0	100	338.38	0.05	1.5	538.3	78.8	0.6
0.1	0	100	341.18	-0.05	1.45	557.4	82.6	0.5
0.3	0	100	6.65	0.05	1.51	558.7	83.5	0.5
0.3	0	100	208.83	-0.02	1.49	544.6	82.4	0.5
0.6	0	100	210.58	-0.01	1.47	563.1	78.9	0.5
0.2	0	100	197.79	0.09	1.54	571.7	78.2	0.5
0.1	0	100	191.22	-0.06	1.55	569.3	82.3	0.5
0.3	0	100	189.76	0.02	1.53	572.7	83.4	0.5
0.1	0	100	198.24	0.1	1.59	575	83.3	0.5
0.2	0	100	216.34	-0.09	1.61	578.4	81.4	0.6
0.1	0	100	242.88	0.08	1.53	578.3	80.1	0.5
-0.1	0	100	77.71	0.12	1.48	578.2	82.5	0.5
0.1	0	100	101.5	-0.11	1.45	593.5	83.5	0.5
0.1	0	100	119.61	0.09	1.22	595.8	83.8	0.5
0.6	0	100	41.13	0.07	1.22	590	81.1	0.5
0.3	0	100	13.43	-0.07	1.21	596.2	79.1	0.5
0.4	0	100	320.24	0.05	1.18	594.4	82.4	0.5
0.3	0	100	309.17	0.01	1.19	581.3	83.6	0.5
-0.2	0	100	295.83	-0.01	1.23	591	84.3	0.6
1.3	0	100	296.98	0.08	1.22	597.5	82.7	0.5
-1.6	0	100	296.04	0.01	1.25	580.7	78	0.5
0	0	100	292.5	-0.02	1.35	586.8	81.7	0.5
0.3	0	100	273.11	0.03	1.39	596	83.4	0.5
-0.2	0	100	256.78	-0.06	1.43	574.1	83.8	0.5
0.1	0	100	229.15	0.05	1.48	574.1	82.8	0.5
0.4	0	100	194.44	-0.03	1.53	580.7	78.7	0.5
0.9	0	100	160.6	-0.05	1.57	575.8	80.8	0.5
0.4	0	100	182.71	0.18	1.44	575.2	84.3	0.6

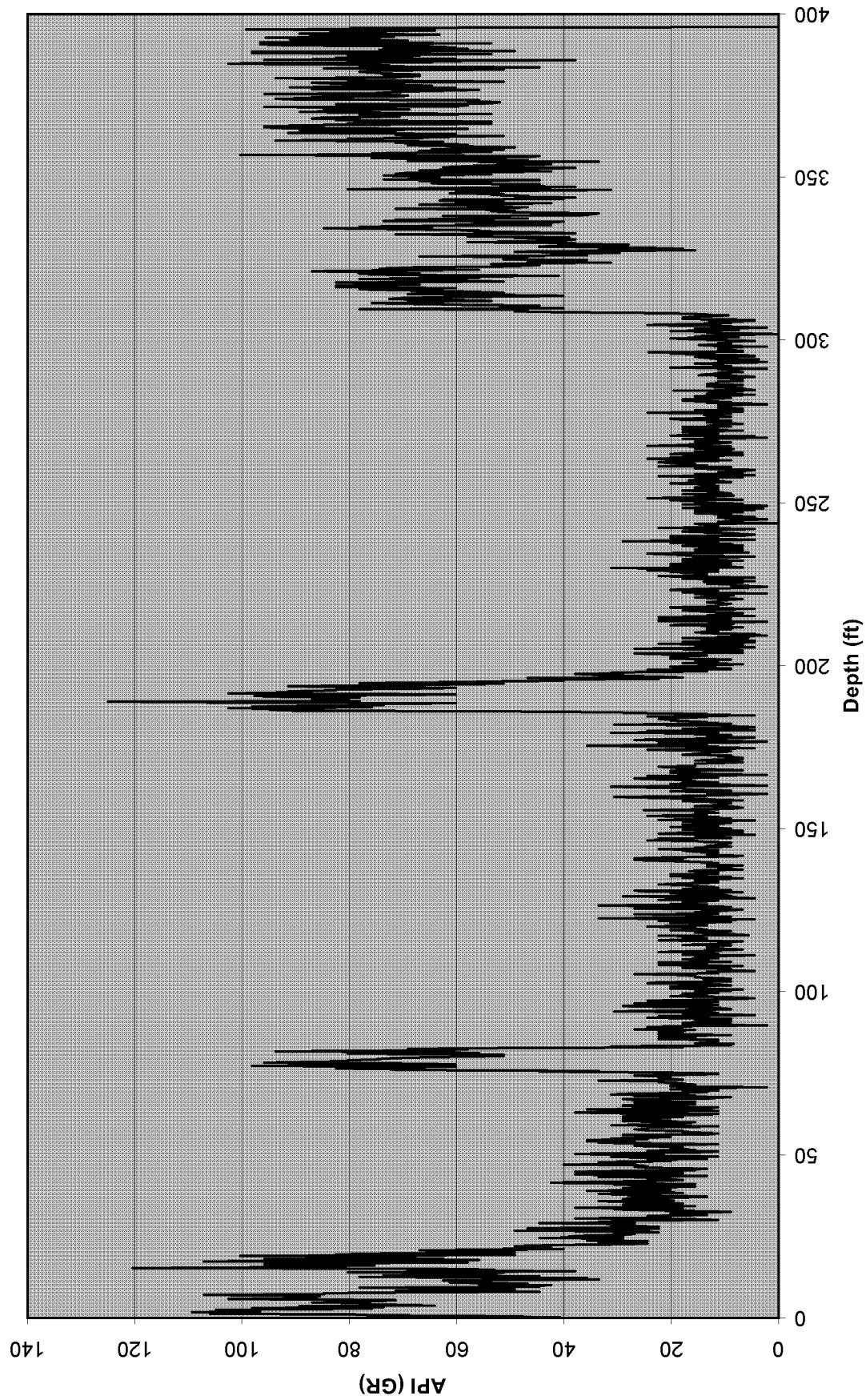
2.9	0	100	181.92	-0.14	1.42	577.8	84.5	0.5
1.9	0	100	107.2	-0.03	1.37	570.7	82.6	0.5
0.2	0	100	53.66	0.02	1.33	566	78.1	0.5
0.7	0	100	116.53	-0.04	1.33	578.5	80.8	0.5
0.5	0	100	166.61	0.01	1.37	577.4	84	0.5
0.2	0	100	110.57	0.05	1.37	575.8	83.5	0.5
0.6	0	100	86.42	-0.04	1.37	573.3	82.9	0.5
0.5	0	100	40.76	0.04	1.37	576.1	80.4	0.5
0.4	0	100	102.57	0.03	1.39	580.4	80.5	0.5
0.3	0	100	86.29	-0.03	1.38	586.5	83.7	0.6
0.3	0	100	70.65	0.04	1.67	585.4	83.4	0.5
-0.1	0	100	62.59	0.03	1.68	575.2	83.8	0.5
-0.2	0	100	42.33	-0.04	1.7	581.6	81.4	0.5
-1	0	100	47.17	0.07	1.74	583.5	80.7	0.5
0	0	100	2.07	-0.09	1.75	572.2	82.7	0.5
-0.6	0	100	353.78	0.04	1.63	580.2	83.2	0.5
-2.2	0	100	311.96	0.08	1.61	585.6	83.6	0.5
2.1	0	100	329.73	-0.08	1.63	574.7	82.8	0.5
0.9	0	100	6.98	0.03	1.75	574.3	80.7	0.6
0	0	100	40.65	0.04	1.59	573.6	82	0.5
0.8	0	100	59.41	-0.08	1.49	574.6	84.2	0.5
0.9	0	100	113.86	0.07	1.64	571.7	85.1	0.5
0.2	0	100	74.8	0	1.63	559.4	83.5	0.5
0.9	0	100	87.63	-0.02	1.62	571.7	78.3	0.5
2.5	0	100	90.71	0.09	1.65	572.3	80.2	0.5
0.5	0	100	126.56	-0.1	1.66	550.5	84.6	0.5
0.1	0	100	147.07	0.01	1.58	565	84.7	0.5
0.3	0	100	161.59	0.12	1.5	574.7	83.3	0.5
0	0	100	142.02	-0.09	1.42	545.4	79.6	0.6
-0.3	0	100	125.64	0.05	1.27	545.4	80.7	0.5
-0.2	0	100	141.04	-0.32	1.35	545.5	84.3	0.5
0.2	0	100	141.81	0.26	1.4	536	84.5	0.5
0	0	100	282.8	0.03	1.27	537.8	83.6	0.5
-2.6	0	100	202.37	0.05	1.24	546.1	79.8	0.5
-0.5	0	100	212.03	-0.06	1.2	529.3	80	0.5
1.1	0	100	75.82	0.08	1.2	530.6	83.6	0.5
0.7	0	100	37.02	-0.02	1.23	552.7	84.4	0.6
0.9	0	100	328.88	-0.02	1.29	544.2	84.3	0.5
0	0	100	198.01	0.01	1.31	538.6	81.6	0.5
-0.2	0	100	186.44	-0.01	1.3	557.9	79.7	0.5
0.6	0	100	102.31	0.03	1.32	548.2	83.6	0.5
0.4	0	100	263.79	0.04	1.39	533.6	84.9	0.5
0.1	0	100	234.49	-0.07	1.44	549.8	85	0.5
-1.3	0	100	186.4	0.02	1.29	546.9	82.4	0.5
-4	0	100	297.4	0.06	1.33	537.6	79.7	0.5
-0.6	0	100	276.18	-0.07	1.32	557.5	82.6	0.5
-0.8	0	100	197.7	0.07	1.32	562.1	84.6	0.6
-0.4	0	100	91.28	0.1	1.37	560.5	84.4	0.5
-0.4	0	100	69.68	-0.08	1.42	570.4	82.4	0.5
-0.3	0	100	57.27	0.08	1.44	577	79.9	0.5
-0.1	0	100	119.07	-0.01	1.48	571.6	81.8	0.5
0.2	0	100	154.54	-0.09	1.58	574.7	84.3	0.5

3.3	0	100	75.54	0.12	1.56	577.8	84.6	0.5
0.8	0	100	71.33	-0.05	1.55	577.9	83.4	0.5
1.1	0	100	68.06	0.06	1.59	571.6	79.1	0.5
0.7	0	100	32.58	0.02	1.6	562.2	80.7	0.6
0.3	0	100	33.76	-0.04	1.6	574.7	85	0.5
0.3	0	100	21.81	0	1.55	577.8	85.5	0.5
0.1	0	100	318.79	0.02	1.61	578	84.1	0.5
0.6	0	100	310.78	-0.06	1.7	573.4	80.2	0.5
0.2	0	100	320.28	0.03	1.55	568	81.1	0.5
0.4	0	100	299.01	-0.04	1.5	556.2	85.2	0.5
1	0	100	289.67	0.01	1.35	567.3	84.8	0.5
-0.6	0	100	258.7	0.01	1.61	574.7	84.6	0.5
0.2	0	100	224.22	-0.07	1.79	548.4	82.6	0.5
-0.1	0	100	206.42	0.09	1.69	556.2	80.4	0.6
-0.3	0	100	203.92	-0.03	1.61	567.8	83.3	0.5
0.2	0	100	201.08	-0.03	1.57	544.6	84.3	0.5
-0.5	0	100	76.68	0.06	1.6	542.7	84.1	0.5
-0.9	0	100	16.68	-0.06	1.55	558.3	83.1	0.5
-0.7	0	100	352.19	-0.02	1.49	547.2	79.8	0.5
0.7	0	100	51.41	0.09	1.25	545	82.8	0.5
-0.3	0	100	74.1	-0.14	1.18	558.7	85.5	0.5
0.2	0	100	96.48	-0.02	1.05	543.6	85.2	0.5
0.2	0	100	78.27	0.06	1.13	533.6	83.6	0.6
-0.1	0	100	60.79	-0.06	1.14	553.4	79.9	0.5
0.5	0	100	51.01	0	1.14	547	82.2	0.5
0.3	0	100	47.37	0.08	1.13	537.4	85.1	0.5
0.3	0	100	44.08	-0.08	1.15	535	85.1	0.5
0	0	100	31.77	0.04	0.99	535.1	84.6	0.5
-0.1	0	100	14.36	0.02	1.15	536.6	80.9	0.5
0.2	0	100	28.03	-0.05	1.27	557.6	80.9	0.5
0.5	0	100	345.17	0.04	1.35	560.8	84.3	0.5
1	0	100	0.97	0.04	1.48	552.4	84.8	0.6
0.4	0	100	3	0	1.62	537.6	85.1	0.5
0.2	0	100	332.86	0.08	1.32	527.7	82.7	0.5
-0.3	0	100	320.52	0.01	1.31	575.3	80.5	0.5
0.1	0	100	290.72	-0.08	1.43	574.8	83.6	0.5
0.9	0	100	298.44	0.12	1.5	574	84.7	0.5
0.5	0	100	296.8	-0.05	1.56	575.2	83.9	0.5
-0.6	0	100	300.22	-0.02	1.45	571.4	83.6	0.5
-2.4	0	100	293.64	0.04	1.56	565.6	80.9	0.5
-0.9	0	100	282.76	0.02	1.67	575.1	81.8	0.5
-1.4	0	100	284.26	-0.01	1.46	573.3	85.6	0.6
-0.9	0	100	300.96	0	1.57	556.3	85.9	0.5
-3.9	0	100	293.78	-0.02	1.66	570.4	84	0.5
-5.5	0	100	231.54	0.01	1.76	579.8	79.8	0.5
-2.2	0	100	248.55	-0.01	1.78	559.1	81.7	0.5
0.3	0	100	265.63	0.02	1.74	570.7	85.8	0.5
1.9	0	100	289.47	0	1.77	578.5	85.1	0.5
1.3	0	100	297.18	-0.04	1.83	571.9	85.2	0.5
0.2	0	100	305.06	0.06	1.79	572	83.4	0.5
0.5	0	100	297.29	-0.03	1.8	572.1	80.4	0.6
3.3	0	100	297.97	-0.05	1.8	577.2	82.5	0.5

5.1	0	100	291.05	0.09	1.83	577.9	84.9	0.5
0	0	100	317.71	-0.07	1.83	575.6	85.2	0.5
0.1	0	100	320.59	-0.03	1.86	578.4	83.9	0.5
-1.3	0	100	319.34	0.11	1.82	578.4	81	0.5
-0.4	0	100	325.08	-0.16	1.81	572.7	83.3	0.5
1.3	0	100	338.32	0.06	1.84	575.9	86	0.5
0.4	0	100	347.3	0.11	1.79	578.1	85.3	0.5
0.9	0	100	2.62	-0.18	1.77	573.6	84.4	0.6
-0.2	0	100	22.29	0.05	1.7	577.3	81.4	0.5
1.3	0	100	96.06	0.08	1.74	582.8	80.9	0.5
1.3	0	100	84.54	-0.18	1.76	574.9	84.5	0.5
0.5	0	100	34.1	0.06	1.7	573.8	84.4	0.5
-1	0	100	339.3	0.1	1.64	577.6	85.3	0.5
-0.1	0	100	307.09	-0.09	1.56	568.3	84.9	0.5
-0.1	0	100	256.4	0.07	1.51	566.9	81	0.5
-0.7	0	100	251.76	0.04	1.47	570.5	82	0.5
-0.3	0	100	238.11	-0.12	1.36	573.5	85.9	0.6
0.2	0	100	209.55	0.08	1.33	575.5	85.7	0.5
-1.5	0	100	221.86	0.01	1.31	578.2	84.4	0.5
0.1	0	100	231.12	-0.13	1.25	578.2	80.9	0.5
0.6	0	100	242.55	0.12	1.21	578.1	81.3	0.5
0.1	0	100	302.71	-0.05	1.18	582.3	84.8	0.5
0.3	0	100	349.18	-0.04	1.19	580.4	85.1	0.5
0.2	0	100	318.72	0.02	1.21	576.2	85.7	0.5
0	0	100	314.52	-0.06	1.16	581.6	84	0.5
-0.1	0	100	325.36	0.08	1.62	579.4	80.2	0.6
0.1	0	100	309.28	-0.07	1.52	565.6	82.7	0.5
0.1	0	100	306.1	-0.01	1.34	573.5	85.2	0.5
-0.2	0	100	297.16	0.09	1.27	578.8	85.4	0.5
-0.2	0	100	296.52	-0.07	1.24	573.5	84.5	0.5
-0.1	0	100	287.83	0	1.12	576.9	82	0.5
-0.1	0	100	296.79	0.06	1.24	579.1	82.7	0.5
0.1	0	100	305.47	-0.09	1.32	576.6	84.8	0.5
0	0	100	325.03	0.04	1.44	576.8	84.4	0.5
-0.2	0	100	327.5	0.04	1.41	577.1	85.5	0.5
0	0	100	319.48	-0.06	1.38	576.1	84.2	0.6
0.2	0	100	281.94	0.03	1.38	576.8	80.1	0.5
0.1	0	100	307.58	0.06	1.36	580.6	82.1	0.5
0.1	0	100	315.12	-0.1	1.33	577.4	85.1	0.5
0.2	0	100	311.64	0.06	1.32	573.5	85.8	0.5
0	0	100	318.78	-0.05	1.27	564.5	85.3	0.5
0.1	0	100	319.55	0.02	1.1	560.6	82	0.5
0.1	0	100	342.81	0.01	1.29	558	81.6	0.5
0.1	0	100	349.97	-0.05	1.43	577	84.5	0.5
0.2	0	100	342.38	0.05	1.53	562.8	85.7	0.6
-0.1	0	100	263.25	0.02	1.48	541.4	86	0.5
0	0	100	299.6	-0.03	1.44	552.6	85	0.5
0.2	0	100	312.66	0.01	1.41	552.8	81.9	0.5
0	2.6	100	314.75	0	1.39	542.4	83.4	0.5
-0.1	0	100	321.96	-0.04	1.42	546.8	85.8	0.5
-0.1	0	100	326.28	0.08	1.35	549	85.3	0.5
-0.3	0	100	306.21	-0.07	1.35	553.2	85.4	0.5



USGS 19 Natural Gamma



Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	391.17		8.140001			
usgs 106	01-SEP-80	caliper_ca	397.97	8.11				
usgs 106	01-SEP-80	caliper_ca	399.62	8.140001				
usgs 106	01-SEP-80	caliper_ca	400.35	8.96				
usgs 106	01-SEP-80	caliper_ca	400.93	10.28				
usgs 106	01-SEP-80	caliper_ca	401.42	9.95				
usgs 106	01-SEP-80	caliper_ca	402.2	10.11				
usgs 106	01-SEP-80	caliper_ca	404.1	10.03				
usgs 106	01-SEP-80	caliper_ca	404.32	10.14				
usgs 106	01-SEP-80	caliper_ca	404.89	9.99				
usgs 106	01-SEP-80	caliper_ca	405.89	10.07				
usgs 106	01-SEP-80	caliper_ca	406.35	9.95				
usgs 106	01-SEP-80	caliper_ca	407.28	10.2				
usgs 106	01-SEP-80	caliper_ca	407.92	9.96				
usgs 106	01-SEP-80	caliper_ca	409.71	9.939999				
usgs 106	01-SEP-80	caliper_ca	415.73	9.93				
usgs 106	01-SEP-80	caliper_ca	417.74	10.24				
usgs 106	01-SEP-80	caliper_ca	418.55	10				
usgs 106	01-SEP-80	caliper_ca	419.17	10.11				
usgs 106	01-SEP-80	caliper_ca	420.09	10.02				
usgs 106	01-SEP-80	caliper_ca	421.49	10.59				
usgs 106	01-SEP-80	caliper_ca	422.15	10.22				
usgs 106	01-SEP-80	caliper_ca	422.63	10.69				
usgs 106	01-SEP-80	caliper_ca	423.13	10.08				
usgs 106	01-SEP-80	caliper_ca	424.24	10.32				
usgs 106	01-SEP-80	caliper_ca	424.79	10.05				
usgs 106	01-SEP-80	caliper_ca	425.27	10				
usgs 106	01-SEP-80	caliper_ca	426.37	10.15				
usgs 106	01-SEP-80	caliper_ca	426.56	10.04				
usgs 106	01-SEP-80	caliper_ca	427.22	10.09				
usgs 106	01-SEP-80	caliper_ca	428.44	9.92				
usgs 106	01-SEP-80	caliper_ca	430.91	9.939999				
usgs 106	01-SEP-80	caliper_ca	431.79	10.17				
usgs 106	01-SEP-80	caliper_ca	432.39	9.99				
usgs 106	01-SEP-80	caliper_ca	433.39	10.25				
usgs 106	01-SEP-80	caliper_ca	434.17	10.03				
usgs 106	01-SEP-80	caliper_ca	434.69	10.11				
usgs 106	01-SEP-80	caliper_ca	435.13	9.939999				
usgs 106	01-SEP-80	caliper_ca	437.56	9.92				
usgs 106	01-SEP-80	caliper_ca	438.59	10.11				
usgs 106	01-SEP-80	caliper_ca	439.15	9.95				
usgs 106	01-SEP-80	caliper_ca	439.97	10.08				
usgs 106	01-SEP-80	caliper_ca	440.12	9.92				
usgs 106	01-SEP-80	caliper_ca	443.44	9.92				
usgs 106	01-SEP-80	caliper_ca	443.97	10.1				
usgs 106	01-SEP-80	caliper_ca	444.62	9.939999				
usgs 106	01-SEP-80	caliper_ca	445.64	10.02				
usgs 106	01-SEP-80	caliper_ca	446.2	11.09				
usgs 106	01-SEP-80	caliper_ca	447.24	10.04				
usgs 106	01-SEP-80	caliper_ca	447.96	10.15				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	448.55	11.11				
usgs 106	01-SEP-80	caliper_ca	449.12	9.939999				
usgs 106	01-SEP-80	caliper_ca	449.97	10.12				
usgs 106	01-SEP-80	caliper_ca	450.6	9.93				
usgs 106	01-SEP-80	caliper_ca	451.45	10.14				
usgs 106	01-SEP-80	caliper_ca	452.4	10.04				
usgs 106	01-SEP-80	caliper_ca	453.4	10.64				
usgs 106	01-SEP-80	caliper_ca	454.22	10.41				
usgs 106	01-SEP-80	caliper_ca	455.17	9.91				
usgs 106	01-SEP-80	caliper_ca	456.37	9.97				
usgs 106	01-SEP-80	caliper_ca	457.28	10.84				
usgs 106	01-SEP-80	caliper_ca	457.52	9.899999				
usgs 106	01-SEP-80	caliper_ca	460.32	9.91				
usgs 106	01-SEP-80	caliper_ca	461.03	10.01				
usgs 106	01-SEP-80	caliper_ca	461.85	9.92				
usgs 106	01-SEP-80	caliper_ca	462.53	10				
usgs 106	01-SEP-80	caliper_ca	462.99	9.95				
usgs 106	01-SEP-80	caliper_ca	463.98	10.14				
usgs 106	01-SEP-80	caliper_ca	464.59	11.48				
usgs 106	01-SEP-80	caliper_ca	464.93	10.05				
usgs 106	01-SEP-80	caliper_ca	465.93	12.2				
usgs 106	01-SEP-80	caliper_ca	467.22	10.04				
usgs 106	01-SEP-80	caliper_ca	468.12	10.28				
usgs 106	01-SEP-80	caliper_ca	468.46	10.04				
usgs 106	01-SEP-80	caliper_ca	469.53	11.01				
usgs 106	01-SEP-80	caliper_ca	469.82	10.02				
usgs 106	01-SEP-80	caliper_ca	470.54	10.42				
usgs 106	01-SEP-80	caliper_ca	470.46	10.03				
usgs 106	01-SEP-80	caliper_ca	471.41	10.38				
usgs 106	01-SEP-80	caliper_ca	471.91	9.96				
usgs 106	01-SEP-80	caliper_ca	472.39	10.26				
usgs 106	01-SEP-80	caliper_ca	473.05	10.06				
usgs 106	01-SEP-80	caliper_ca	473.29	10.23				
usgs 106	01-SEP-80	caliper_ca	473.54	9.92				
usgs 106	01-SEP-80	caliper_ca	474.45	9.97				
usgs 106	01-SEP-80	caliper_ca	475.38	11.76				
usgs 106	01-SEP-80	caliper_ca	475.89	10.15				
usgs 106	01-SEP-80	caliper_ca	476.55	10.3				
usgs 106	01-SEP-80	caliper_ca	476.72	10.23				
usgs 106	01-SEP-80	caliper_ca	477.46	10.33				
usgs 106	01-SEP-80	caliper_ca	477.87	10.1				
usgs 106	01-SEP-80	caliper_ca	478.3	10.49				
usgs 106	01-SEP-80	caliper_ca	478.6	9.93				
usgs 106	01-SEP-80	caliper_ca	479.75	10.28				
usgs 106	01-SEP-80	caliper_ca	480.02	11.11				
usgs 106	01-SEP-80	caliper_ca	481.13	16.96				
usgs 106	01-SEP-80	caliper_ca	481.55	10.12				
usgs 106	01-SEP-80	caliper_ca	482.58	9.93				
usgs 106	01-SEP-80	caliper_ca	485.19	10.36				
usgs 106	01-SEP-80	caliper_ca	486.97	9.939999				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	488.3	10.53				
usgs 106	01-SEP-80	caliper_ca	489.65	9.91				
usgs 106	01-SEP-80	caliper_ca	490.61	10.05				
usgs 106	01-SEP-80	caliper_ca	490.58	9.96				
usgs 106	01-SEP-80	caliper_ca	491.48	9.890001				
usgs 106	01-SEP-80	caliper_ca	492.44	9.88				
usgs 106	01-SEP-80	caliper_ca	493.28	9.99				
usgs 106	01-SEP-80	caliper_ca	494.07	9.890001				
usgs 106	01-SEP-80	caliper_ca	494.68	10.08				
usgs 106	01-SEP-80	caliper_ca	496.04	9.859999				
usgs 106	01-SEP-80	caliper_ca	498.18	9.92				
usgs 106	01-SEP-80	caliper_ca	498.88	9.84				
usgs 106	01-SEP-80	caliper_ca	500.83	9.91				
usgs 106	01-SEP-80	caliper_ca	501.45	9.87				
usgs 106	01-SEP-80	caliper_ca	502.5	9.939999				
usgs 106	01-SEP-80	caliper_ca	502.8	9.850001				
usgs 106	01-SEP-80	caliper_ca	504.49	9.939999				
usgs 106	01-SEP-80	caliper_ca	504.6	9.899999				
usgs 106	01-SEP-80	caliper_ca	505.94	9.99				
usgs 106	01-SEP-80	caliper_ca	506.9	10.38				
usgs 106	01-SEP-80	caliper_ca	507.44	10.06				
usgs 106	01-SEP-80	caliper_ca	507.82	10.38				
usgs 106	01-SEP-80	caliper_ca	508.78	10.18				
usgs 106	01-SEP-80	caliper_ca	509.53	10.86				
usgs 106	01-SEP-80	caliper_ca	510.19	10.15				
usgs 106	01-SEP-80	caliper_ca	510.95	10.28				
usgs 106	01-SEP-80	caliper_ca	511.46	9.99				
usgs 106	01-SEP-80	caliper_ca	511.85	10.35				
usgs 106	01-SEP-80	caliper_ca	512.75	9.95				
usgs 106	01-SEP-80	caliper_ca	514.24	9.899999				
usgs 106	01-SEP-80	caliper_ca	514.5	10				
usgs 106	01-SEP-80	caliper_ca	514.94	9.91				
usgs 106	01-SEP-80	caliper_ca	515.43	10.06				
usgs 106	01-SEP-80	caliper_ca	516	9.93				
usgs 106	01-SEP-80	caliper_ca	517.7	10.34				
usgs 106	01-SEP-80	caliper_ca	517.44	9.99				
usgs 106	01-SEP-80	caliper_ca	518.72	10.18				
usgs 106	01-SEP-80	caliper_ca	519.2801	9.95				
usgs 106	01-SEP-80	caliper_ca	520.04	10.05				
usgs 106	01-SEP-80	caliper_ca	520.54	10.26				
usgs 106	01-SEP-80	caliper_ca	520.98	10.01				
usgs 106	01-SEP-80	caliper_ca	522.05	10.99				
usgs 106	01-SEP-80	caliper_ca	522.35	10.04				
usgs 106	01-SEP-80	caliper_ca	523.3	10				
usgs 106	01-SEP-80	caliper_ca	523.97	10.11				
usgs 106	01-SEP-80	caliper_ca	524.49	9.97				
usgs 106	01-SEP-80	caliper_ca	525.32	10.1				
usgs 106	01-SEP-80	caliper_ca	526.02	11.16				
usgs 106	01-SEP-80	caliper_ca	527.41	9.93				
usgs 106	01-SEP-80	caliper_ca	528.3	10.8				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	529.29	9.96				
usgs 106	01-SEP-80	caliper_ca	530.53	10.21				
usgs 106	01-SEP-80	caliper_ca	531.42	10.09				
usgs 106	01-SEP-80	caliper_ca	532.86	11.36				
usgs 106	01-SEP-80	caliper_ca	534.95	10.01				
usgs 106	01-SEP-80	caliper_ca	536.11	10.39				
usgs 106	01-SEP-80	caliper_ca	536.62	10.04				
usgs 106	01-SEP-80	caliper_ca	537.13	10.31				
usgs 106	01-SEP-80	caliper_ca	537.92	9.96				
usgs 106	01-SEP-80	caliper_ca	538.73	10.22				
usgs 106	01-SEP-80	caliper_ca	539.3	9.899999				
usgs 106	01-SEP-80	caliper_ca	538.48	10.37				
usgs 106	01-SEP-80	caliper_ca	539.16	10.02				
usgs 106	01-SEP-80	caliper_ca	539.93	10.59				
usgs 106	01-SEP-80	caliper_ca	540.5	9.91				
usgs 106	01-SEP-80	caliper_ca	541.72	10.08				
usgs 106	01-SEP-80	caliper_ca	542.36	9.88				
usgs 106	01-SEP-80	caliper_ca	544.41	9.899999				
usgs 106	01-SEP-80	caliper_ca	545.73	9.91				
usgs 106	01-SEP-80	caliper_ca	546.87	10.57				
usgs 106	01-SEP-80	caliper_ca	547.36	9.93				
usgs 106	01-SEP-80	caliper_ca	548.11	10.24				
usgs 106	01-SEP-80	caliper_ca	548.93	10.03				
usgs 106	01-SEP-80	caliper_ca	549.65	10.2				
usgs 106	01-SEP-80	caliper_ca	550.84	9.93				
usgs 106	01-SEP-80	caliper_ca	551.93	9.899999				
usgs 106	01-SEP-80	caliper_ca	553.2	10.16				
usgs 106	01-SEP-80	caliper_ca	553.89	9.939999				
usgs 106	01-SEP-80	caliper_ca	554.6	10.09				
usgs 106	01-SEP-80	caliper_ca	555.14	9.899999				
usgs 106	01-SEP-80	caliper_ca	556.97	9.87				
usgs 106	01-SEP-80	caliper_ca	560.84	9.899999				
usgs 106	01-SEP-80	caliper_ca	563.41	9.88				
usgs 106	01-SEP-80	caliper_ca	564.9	10.02				
usgs 106	01-SEP-80	caliper_ca	565.56	9.850001				
usgs 106	01-SEP-80	caliper_ca	566.78	9.88				
usgs 106	01-SEP-80	caliper_ca	567.45	9.8				
usgs 106	01-SEP-80	caliper_ca	567.93	9.84				
usgs 106	01-SEP-80	caliper_ca	570.1	9.850001				
usgs 106	01-SEP-80	caliper_ca	571.91	9.82				
usgs 106	01-SEP-80	caliper_ca	573.83	9.92				
usgs 106	01-SEP-80	caliper_ca	574.69	9.859999				
usgs 106	01-SEP-80	caliper_ca	575.87	9.890001				
usgs 106	01-SEP-80	caliper_ca	577.46	10.64				
usgs 106	01-SEP-80	caliper_ca	577.94	10.51				
usgs 106	01-SEP-80	caliper_ca	578.52	10.76				
usgs 106	01-SEP-80	caliper_ca	578.97	10.02				
usgs 106	01-SEP-80	caliper_ca	579.34	10.3				
usgs 106	01-SEP-80	caliper_ca	579.83	10.06				
usgs 106	01-SEP-80	caliper_ca	581.14	10.91				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	581.41	10.12				
usgs 106	01-SEP-80	caliper_ca	582.51	10.6				
usgs 106	01-SEP-80	caliper_ca	582.81	10.48				
usgs 106	01-SEP-80	caliper_ca	583.46	10.71				
usgs 106	01-SEP-80	caliper_ca	584.56	9.979999				
usgs 106	01-SEP-80	caliper_ca	585.49	10.83				
usgs 106	01-SEP-80	caliper_ca	586.06	10.46				
usgs 106	01-SEP-80	caliper_ca	586.71	10.75				
usgs 106	01-SEP-80	caliper_ca	586.93	10.24				
usgs 106	01-SEP-80	caliper_ca	587.91	10.43				
usgs 106	01-SEP-80	caliper_ca	588.73	10.73				
usgs 106	01-SEP-80	caliper_ca	589.23	10.54				
usgs 106	01-SEP-80	caliper_ca	589.58	10.76				
usgs 106	01-SEP-80	caliper_ca	590.15	10.51				
usgs 106	01-SEP-80	caliper_ca	591.13	11.6				
usgs 106	01-SEP-80	caliper_ca	592.24	10.5				
usgs 106	01-SEP-80	caliper_ca	593.09	10				
usgs 106	01-SEP-80	caliper_ca	593.82	10.05				
usgs 106	01-SEP-80	caliper_ca	595.24	7.98				
usgs 106	01-SEP-80	caliper_ca	596.63	8.600001				
usgs 106	01-SEP-80	caliper_ca	596.92	8.13				
usgs 106	01-SEP-80	caliper_ca	598.02	9.17				
usgs 106	01-SEP-80	caliper_ca	598.82	7.86				
usgs 106	01-SEP-80	caliper_ca	599.87	8.08				
usgs 106	01-SEP-80	caliper_ca	600.43	7.86				
usgs 106	01-SEP-80	caliper_ca	605.25	7.85				
usgs 106	01-SEP-80	caliper_ca	621.04	7.86				
usgs 106	01-SEP-80	caliper_ca	624.09	7.88				
usgs 106	01-SEP-80	caliper_ca	625.34	8.24				
usgs 106	01-SEP-80	caliper_ca	626.1	8.04				
usgs 106	01-SEP-80	caliper_ca	626.51	8.12				
usgs 106	01-SEP-80	caliper_ca	627.5	8.05				
usgs 106	01-SEP-80	caliper_ca	627.75	8.12				
usgs 106	01-SEP-80	caliper_ca	628.48	7.85				
usgs 106	01-SEP-80	caliper_ca	629.18	7.9				
usgs 106	01-SEP-80	caliper_ca	630.2	7.83				
usgs 106	01-SEP-80	caliper_ca	632.45	7.86				
usgs 106	01-SEP-80	caliper_ca	632.96	7.99				
usgs 106	01-SEP-80	caliper_ca	633.5	7.81				
usgs 106	01-SEP-80	caliper_ca	635.74	7.87				
usgs 106	01-SEP-80	caliper_ca	635.9	7.96				
usgs 106	01-SEP-80	caliper_ca	636.88	7.87				
usgs 106	01-SEP-80	caliper_ca	639.67	7.82				
usgs 106	01-SEP-80	caliper_ca	640.63	7.93				
usgs 106	01-SEP-80	caliper_ca	641	7.81				
usgs 106	01-SEP-80	caliper_ca	644.67	7.8				
usgs 106	01-SEP-80	caliper_ca	645.47	7.88				
usgs 106	01-SEP-80	caliper_ca	646.38	8.350001				
usgs 106	01-SEP-80	caliper_ca	647.24	8.020001				
usgs 106	01-SEP-80	caliper_ca	647.82	7.82				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	652.95	7.81				
usgs 106	01-SEP-80	caliper_ca	654.62	7.87				
usgs 106	01-SEP-80	caliper_ca	655.65	7.81				
usgs 106	01-SEP-80	caliper_ca	658.51	7.88				
usgs 106	01-SEP-80	caliper_ca	661.16	7.84				
usgs 106	01-SEP-80	caliper_ca	668.6	7.8				
usgs 106	01-SEP-80	caliper_ca	670.6	7.82				
usgs 106	01-SEP-80	caliper_ca	672.21	7.95				
usgs 106	01-SEP-80	caliper_ca	672.96	7.77				
usgs 106	01-SEP-80	caliper_ca	675.23	7.83				
usgs 106	01-SEP-80	caliper_ca	676.24	8.23				
usgs 106	01-SEP-80	caliper_ca	676.77	7.85				
usgs 106	01-SEP-80	caliper_ca	677.07	7.82				
usgs 106	01-SEP-80	caliper_ca	678.08	7.86				
usgs 106	01-SEP-80	caliper_ca	678.91	7.8				
usgs 106	01-SEP-80	caliper_ca	682.01	7.81				
usgs 106	01-SEP-80	caliper_ca	682.84	7.9				
usgs 106	01-SEP-80	caliper_ca	683.34	8.649999				
usgs 106	01-SEP-80	caliper_ca	683.99	8.22				
usgs 106	01-SEP-80	caliper_ca	684.8	9.66				
usgs 106	01-SEP-80	caliper_ca	685.45	8.5				
usgs 106	01-SEP-80	caliper_ca	685.85	8.55				
usgs 106	01-SEP-80	caliper_ca	686.42	7.83				
usgs 106	01-SEP-80	caliper_ca	686.95	7.83				
usgs 106	01-SEP-80	caliper_ca	688.33	9.21				
usgs 106	01-SEP-80	caliper_ca	688.64	8.17				
usgs 106	01-SEP-80	caliper_ca	689.18	9.84				
usgs 106	01-SEP-80	caliper_ca	690.23	16.98				
usgs 106	01-SEP-80	caliper_ca	690.25	9.649999				
usgs 106	01-SEP-80	caliper_ca	690.65	10.51				
usgs 106	01-SEP-80	caliper_ca	691.17	8.36				
usgs 106	01-SEP-80	caliper_ca	692.55	15.58				
usgs 106	01-SEP-80	caliper_ca	693.4	11.73				
usgs 106	01-SEP-80	caliper_ca	693.92	13.9				
usgs 106	01-SEP-80	caliper_ca	693.95	10.84				
usgs 106	01-SEP-80	caliper_ca	694.38	7.96				
usgs 106	01-SEP-80	caliper_ca	696.16	11.93				
usgs 106	01-SEP-80	caliper_ca	696.79	14.61				
usgs 106	01-SEP-80	caliper_ca	697.4	13.02				
usgs 106	01-SEP-80	caliper_ca	698.35	15.26				
usgs 106	01-SEP-80	caliper_ca	698.39	8.11				
usgs 106	01-SEP-80	caliper_ca	699.1	7.81				
usgs 106	01-SEP-80	caliper_ca	701.18	7.8				
usgs 106	01-SEP-80	caliper_ca	702.21	8				
usgs 106	01-SEP-80	caliper_ca	703.45	10.92				
usgs 106	01-SEP-80	caliper_ca	704.5	15.07				
usgs 106	01-SEP-80	caliper_ca	705.12	9.07				
usgs 106	01-SEP-80	caliper_ca	705.08	7.9				
usgs 106	01-SEP-80	caliper_ca	705.78	7.91				
usgs 106	01-SEP-80	caliper_ca	706.02	7.73				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	707.06	7.8				
usgs 106	01-SEP-80	caliper_ca	708.11	8.29				
usgs 106	01-SEP-80	caliper_ca	708.12	8.560001				
usgs 106	01-SEP-80	caliper_ca	709.06	8.12				
usgs 106	01-SEP-80	caliper_ca	709.57	7.74				
usgs 106	01-SEP-80	caliper_ca	710.71	8.399999				
usgs 106	01-SEP-80	caliper_ca	711.39	7.74				
usgs 106	01-SEP-80	caliper_ca	712.94	7.99				
usgs 106	01-SEP-80	caliper_ca	713.61	8.47				
usgs 106	01-SEP-80	caliper_ca	713.97	8.26				
usgs 106	01-SEP-80	caliper_ca	715.11	9.25				
usgs 106	01-SEP-80	caliper_ca	715.68	10.44				
usgs 106	01-SEP-80	caliper_ca	716.39	16.18				
usgs 106	01-SEP-80	caliper_ca	716.54	8.609999				
usgs 106	01-SEP-80	caliper_ca	717.69	11.03				
usgs 106	01-SEP-80	caliper_ca	718.27	7.75				
usgs 106	01-SEP-80	caliper_ca	720.07	7.78				
usgs 106	01-SEP-80	caliper_ca	720.45	8.46				
usgs 106	01-SEP-80	caliper_ca	721.56	14.4				
usgs 106	01-SEP-80	caliper_ca	721.99	9.07				
usgs 106	01-SEP-80	caliper_ca	723.74	16.01				
usgs 106	01-SEP-80	caliper_ca	724.21	13.78				
usgs 106	01-SEP-80	caliper_ca	725.21	15.71				
usgs 106	01-SEP-80	caliper_ca	725.94	12.62				
usgs 106	01-SEP-80	caliper_ca	725.97	9.310001				
usgs 106	01-SEP-80	caliper_ca	726.86	7.77				
usgs 106	01-SEP-80	caliper_ca	728.4	7.96				
usgs 106	01-SEP-80	caliper_ca	728.85	7.79				
usgs 106	01-SEP-80	caliper_ca	729.54	7.97				
usgs 106	01-SEP-80	caliper_ca	730.2	7.78				
usgs 106	01-SEP-80	caliper_ca	731.15	7.85				
usgs 106	01-SEP-80	caliper_ca	732.66	9.12				
usgs 106	01-SEP-80	caliper_ca	733.07	8.63				
usgs 106	01-SEP-80	caliper_ca	733.62	8.7				
usgs 106	01-SEP-80	caliper_ca	734.2	9.16				
usgs 106	01-SEP-80	caliper_ca	735.28	9.41				
usgs 106	01-SEP-80	caliper_ca	735.93	9.46				
usgs 106	01-SEP-80	caliper_ca	736.78	9.729999				
usgs 106	01-SEP-80	caliper_ca	738.26	15.54				
usgs 106	01-SEP-80	caliper_ca	738.85	10.66				
usgs 106	01-SEP-80	caliper_ca	740.67	9.399999				
usgs 106	01-SEP-80	caliper_ca	741.78	10.38				
usgs 106	01-SEP-80	caliper_ca	742.26	9.62				
usgs 106	01-SEP-80	caliper_ca	743.25	10.11				
usgs 106	01-SEP-80	caliper_ca	744.05	10.84				
usgs 106	01-SEP-80	caliper_ca	744.36	10.19				
usgs 106	01-SEP-80	caliper_ca	744.64	8.72				
usgs 106	01-SEP-80	caliper_ca	745.47	8.060001				
usgs 106	01-SEP-80	caliper_ca	746.88	9.07				
usgs 106	01-SEP-80	caliper_ca	747.34	7.88				

Well	Date	Log	Depth	Diameter				
a:gs106_ca	9/1/1980	caliper_ca		inches	0	18	390	760
usgs 106	01-SEP-80	caliper_ca	747.83	8.18				
usgs 106	01-SEP-80	caliper_ca	748.17	7.88				
usgs 106	01-SEP-80	caliper_ca	748.74	8.29				
usgs 106	01-SEP-80	caliper_ca	750.28	9.5				
usgs 106	01-SEP-80	caliper_ca	751.27	9.05				
usgs 106	01-SEP-80	caliper_ca	753.08	15.74				
usgs 106	01-SEP-80	caliper_ca	753.44	9.399999				
usgs 106	01-SEP-80	caliper_ca	754.69	8.96				
usgs 106	01-SEP-80	caliper_ca	754.87	8.18				
usgs 106	01-SEP-80	caliper_ca	755.65	7.79				
usgs 106	01-SEP-80	caliper_ca	756.35	8.15				
usgs 106	01-SEP-80	caliper_ca	756.79	7.56				