

中国强震记录汇报

REPORT ON STRONG EARTHQUAKE MOTION RECORDS
IN CHINA

第一集 第二卷

Vol. 1 No. 2



唐山地震校正加速度数字化记录

下 册

地震出版社

1855-204
76-038 TANGSHAN AFTERSHOCK NOV. 15, 1976, 21153
STATION NO. 01006 CAMP. EW TONGSHAN CONGSHAN BRIDGE
POINT 1 GROUND CAMP. EW
UNIT: CM/SEC/SEC
CORRECTED ACCELERATION
QUALITY SPACED INTERVALS OF 0.01 SEC
EFFECTIVE FREQUENCY BAND: 0.40 - 35.00 HZ
PEAK VALUE: -39.44 AT 18.17 SEC DURATION: 34.39 SEC

-8.18	-9.03	-9.37	-7.49	-5.90	-7.19	-7.82	-4.15	1.43	4.27	-11.16	-14.90	-11.34	-3.45	-1.35	-4.51	8.39	10.91	9.54	4.29
2.35	-1.96	3.01	-5.11	-6.99	-6.68	-8.10	-2.33	4.95	9.87	-9.41	-17.90	-5.29	-3.32	-2.70	-10.14	-0.44	-2.74	2.64	5.73
11.70	8.50	3.79	4.84	0.36	5.94	6.01	5.37	-9.33	1.76	9.41	17.90	8.66	-1.26	-3.35	-0.19	4.37	1.57	-4.61	7.16
4.01	10.42	12.83	7.62	-0.17	-4.76	-4.84	-2.23	0.60	4.65	-3.50	-0.36	-1.02	-5.51	-2.77	0.64	1.37	1.54	-0.69	-3.12
10.37	11.28	6.37	0.31	-3.12	-7.14	-12.73	-16.77	-14.21	-7.76	-2.97	-0.12	1.53	3.38	1.33	0.43	-2.73	3.44	1.97	1.11
-3.93	-2.85	-2.85	-1.40	5.63	12.51	15.16	13.95	10.46	10.46	-0.19	0.56	4.39	-1.63	-12.23	-1.69	6.48	8.66	9.08	8.23
6.57	2.26	-2.26	-10.17	-48.88	-20.41	-10.92	-1.06	5.41	0.37	6.67	5.67	4.39	3.16	-12.42	-1.42	-3.22	-1.03	0.30	1.42
3.27	1.40	-3.64	-0.27	3.34	2.99	1.70	1.36	1.62	1.62	-4.90	-6.67	-3.47	0.57	2.24	1.37	-1.35	-6.49	-6.56	-0.98
5.02	10.76	16.84	1.73	11.33	4.30	3.06	2.04	1.50	1.50	4.69	7.77	9.82	10.79	5.42	5.02	0.48	-4.99	-6.71	3.33
-23.86	-20.16	-1.50	9.36	18.88	23.83	20.68	10.33	-2.26	-2.26	-1.41	3.94	-5.76	-4.43	-3.16	-0.45	1.45	1.30	1.01	-2.61
-13.11	-9.76	-1.51	7.21	10.50	9.55	2.02	-8.15	-0.26	0.26	0.42	3.66	2.17	-1.20	-1.42	-0.69	-4.00	1.27	3.30	2.59
-28.14	-20.30	-4.41	6.08	18.97	17.90	16.92	0.25	-1.34	-1.34	3.21	1.81	-0.25	-2.25	-1.35	-0.49	-0.56	-0.26	1.92	4.14
-18.17	-15.77	-10.44	-4.35	1.32	1.32	1.32	0.25	-1.34	-1.34	4.15	2.42	1.02	0.09	-1.35	0.48	0.06	0.36	0.15	-1.54
-0.43	-6.21	-13.31	1.31	6.65	17.64	17.77	0.73	1.45	1.45	-1.03	2.34	5.17	2.47	-0.28	-1.19	-0.06	-0.36	0.15	-1.54
10.43	8.21	3.30	-0.50	-1.59	-0.81	4.03	4.05	1.11	1.11	10.02	7.59	12.87	11.61	7.96	4.35	9.42	4.27	2.30	0.26
10.07	1.48	3.61	-2.50	-0.70	-0.73	10.36	12.64	10.60	10.60	-6.70	-3.91	-2.83	10.20	1.40	2.78	2.08	1.64	0.66	-4.49
11.34	13.73	9.91	-1.14	-11.49	-15.53	-8.06	-4.58	-8.12	-10.72	-12.11	-6.50	-3.91	-2.83	10.20	1.40	2.78	2.08	1.64	-4.49
-6.10	1.33	7.91	1.41	17.58	16.46	10.66	6.53	5.09	2.94	-10.60	-9.77	-6.43	-3.00	3.66	8.70	7.36	10.33	12.59	11.69
-0.44	-4.85	-4.95	-1.17	1.38	6.33	4.29	1.10	3.38	6.79	-8.68	-3.44	-6.39	-1.54	-10.95	-0.72	-0.68	2.49	3.05	2.05
3.52	-4.70	-10.48	-11.33	-10.04	-6.39	-2.20	4.78	4.00	3.98	8.04	-4.29	-7.12	-6.10	-0.92	4.35	5.46	4.95	1.73	0.34
-2.55	-2.82	-5.21	-1.14	3.11	5.59	5.50	-1.07	-7.82	-1.16	-2.37	-4.18	-4.52	-2.41	1.04	4.94	7.00	7.70	3.64	1.45
-4.22	-2.49	0.01	1.79	2.42	1.51	3.50	9.40	-11.17	-4.42	-6.43	-7.29	-3.66	1.06	4.04	5.01	9.40	0.72	-2.92	-4.30
-5.68	-0.19	-4.28	7.20	9.09	9.73	7.89	3.65	-0.06	-2.56	-0.95	5.57	10.03	10.94	9.52	6.99	11.70	11.12	7.51	3.59
-5.62	-7.66	-9.24	-0.64	4.52	6.98	4.02	-4.27	-1.89	-1.89	5.94	-10.63	-13.53	-11.55	-5.25	-2.15	6.99	11.70	11.12	7.51
-10.53	-2.29	-2.33	0.30	-2.73	-0.23	8.81	14.51	9.13	0.89	3.50	0.74	-7.67	-13.66	-10.72	-1.42	6.04	10.21	10.81	4.48
-2.72	-4.56	-2.75	-1.17	-10.82	-13.94	-8.03	-2.08	-0.26	1.82	-4.35	-2.03	-1.12	-3.55	-7.74	-8.50	3.33	2.04	2.09	3.59
3.69	5.35	6.17	2.98	-0.32	-0.31	-2.12	-2.04	1.26	3.65	-2.03	-2.03	-1.12	-3.55	-7.74	-8.50	3.33	2.04	2.09	3.59
8.24	6.02	0.11	-4.88	-12.35	-12.35	-9.47	-2.59	-0.35	3.79	-4.35	-2.03	-1.12	-3.55	-7.74	-8.50	3.33	2.04	2.09	3.59
9.96	10.13	9.12	-1.35	-2.55	-2.55	-2.55	-0.35	3.79	1.95	-4.14	-4.12	-4.10	-1.77	-2.55	-2.55	2.08	2.08	2.08	2.03
4.11	-1.06	-5.86	-0.40	4.18	2.53	7.77	-4.73	-10.45	-5.24	1.95	-4.14	-4.12	-4.10	-1.77	-2.55	2.08	2.08	2.08	2.03
-2.76	3.25	3.25	1.26	2.53	6.89	12.81	-2.81	-1.58	-1.58	2.71	7.59	-0.52	0.52	-0.52	-0.52	-0.52	-0.52	-0.52	-0.52
-1.05	2.11	4.88	10.78	19.75	5.41	-1.95	-6.69	-7.97	-6.36	4.73	8.64	8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-7.50	-8.63	-1.09	6.48	0.22	-8.58	-7.60	0.57	2.69	0.94	-4.73	-8.64	-8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-5.80	-8.63	-1.09	6.48	0.22	-8.58	-7.60	0.57	2.69	0.94	4.73	8.64	8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-7.56	-2.32	-2.54	-1.18	-10.58	-2.21	-0.47	3.91	6.39	10.47	-4.73	-8.64	-8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-6.64	-0.71	4.20	5.41	10.78	5.41	2.77	1.44	-6.41	-6.76	4.73	8.64	8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-3.97	-4.20	-4.52	-0.10	4.61	5.11	2.78	-0.16	1.68	-1.97	-4.73	-8.64	-8.66	4.67	4.07	2.58	-0.77	-1.33	2.01	0.01
-2.51	-2.97	-1.69	-1.69	-1.69	6.33	9.49	9.19	2.56	5.68	-1.70	-2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-15.20	-17.00	-15.78	9.13	2.97	1.31	20.51	16.47	8.96	3.44	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-0.42	-3.69	7.41	-11.01	-11.13	-12.35	-3.55	0.48	5.56	5.56	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-6.23	10.38	9.40	8.60	5.30	-3.44	-9.16	-5.48	-5.48	-5.48	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-0.78	6.79	11.63	12.81	8.37	3.80	-1.95	-5.48	-5.48	-5.48	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-4.14	-6.45	-3.33	1.23	4.33	6.35	4.45	-2.76	-10.36	-10.36	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-11.04	-5.02	2.62	9.66	14.73	9.43	0.43	-2.69	-3.40	-3.40	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45
-2.91	-1.04	-2.55	4.96	11.32	4.45	4.45	2.69	-3.40	-3.40	2.13	-4.51	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45	-11.45

12.51	5.80	-7.22	3.34	3.86	-1.20	-2.07	1.12	1.72	5.25	8.74	2.85	9.35	6.22	9.11	9.25	2.33	1.51	-3.69	0.44
12.36	5.75	-7.15	3.28	3.80	-1.25	-2.02	1.06	1.66	5.19	8.68	2.80	9.30	6.16	9.06	9.20	2.30	1.46	-3.64	0.39
12.21	5.70	-7.09	3.22	3.74	-1.30	-1.96	1.01	1.61	5.14	8.63	2.75	9.25	6.11	8.99	9.15	2.25	1.41	-3.59	0.34
12.06	5.65	-7.04	3.16	3.69	-1.35	-1.91	0.96	1.56	5.09	8.58	2.70	9.20	6.06	8.94	9.10	2.20	1.36	-3.54	0.29
11.91	5.60	-6.99	3.10	3.64	-1.40	-1.86	0.91	1.51	5.04	8.53	2.65	9.15	6.01	8.89	9.05	2.15	1.31	-3.49	0.24
11.76	5.55	-6.94	3.05	3.59	-1.45	-1.81	0.86	1.46	4.99	8.48	2.60	9.10	5.96	8.84	9.00	2.10	1.26	-3.44	0.19
11.61	5.50	-6.89	3.00	3.54	-1.50	-1.76	0.81	1.41	4.94	8.43	2.55	9.05	5.91	8.79	8.95	2.05	1.21	-3.39	0.14
11.46	5.45	-6.84	2.95	3.49	-1.55	-1.71	0.76	1.36	4.89	8.38	2.50	9.00	5.86	8.74	8.90	2.00	1.16	-3.34	0.09
11.31	5.40	-6.79	2.90	3.44	-1.60	-1.66	0.71	1.31	4.84	8.33	2.45	8.95	5.81	8.69	8.85	1.95	1.11	-3.29	0.04
11.16	5.35	-6.74	2.85	3.39	-1.65	-1.61	0.66	1.26	4.79	8.28	2.40	8.90	5.76	8.64	8.80	1.90	1.06	-3.24	-0.01
11.01	5.30	-6.69	2.80	3.34	-1.70	-1.56	0.61	1.21	4.74	8.23	2.35	8.85	5.71	8.59	8.75	1.85	1.01	-3.19	-0.06
10.86	5.25	-6.64	2.75	3.29	-1.75	-1.51	0.56	1.16	4.69	8.18	2.30	8.80	5.66	8.54	8.70	1.80	0.96	-3.14	-0.11
10.71	5.20	-6.59	2.70	3.24	-1.80	-1.46	0.51	1.11	4.64	8.13	2.25	8.75	5.61	8.49	8.65	1.75	0.91	-3.09	-0.16
10.56	5.15	-6.54	2.65	3.19	-1.85	-1.41	0.46	1.06	4.59	8.08	2.20	8.70	5.56	8.44	8.60	1.70	0.86	-3.04	-0.21
10.41	5.10	-6.49	2.60	3.14	-1.90	-1.36	0.41	1.01	4.54	8.03	2.15	8.65	5.51	8.39	8.55	1.65	0.81	-2.99	-0.26
10.26	5.05	-6.44	2.55	3.09	-1.95	-1.31	0.36	0.96	4.49	7.98	2.10	8.60	5.46	8.34	8.50	1.60	0.76	-2.94	-0.31
10.11	5.00	-6.39	2.50	3.04	-2.00	-1.26	0.31	0.91	4.44	7.93	2.05	8.55	5.41	8.29	8.45	1.55	0.71	-2.89	-0.36
9.96	4.95	-6.34	2.45	2.99	-2.05	-1.21	0.26	0.86	4.39	7.88	2.00	8.50	5.36	8.24	8.40	1.50	0.66	-2.84	-0.41
9.81	4.90	-6.29	2.40	2.94	-2.10	-1.16	0.21	0.81	4.34	7.83	1.95	8.45	5.31	8.19	8.35	1.45	0.61	-2.79	-0.46
9.66	4.85	-6.24	2.35	2.89	-2.15	-1.11	0.16	0.76	4.29	7.78	1.90	8.40	5.26	8.14	8.30	1.40	0.56	-2.74	-0.51
9.51	4.80	-6.19	2.30	2.84	-2.20	-1.06	0.11	0.71	4.24	7.73	1.85	8.35	5.21	8.09	8.25	1.35	0.51	-2.69	-0.56
9.36	4.75	-6.14	2.25	2.79	-2.25	-1.01	0.06	0.66	4.19	7.68	1.80	8.30	5.16	8.04	8.20	1.30	0.46	-2.64	-0.61
9.21	4.70	-6.09	2.20	2.74	-2.30	-0.96	0.01	0.61	4.14	7.63	1.75	8.25	5.11	7.99	8.15	1.25	0.41	-2.59	-0.66
9.06	4.65	-6.04	2.15	2.69	-2.35	-0.91	-0.04	0.56	4.09	7.58	1.70	8.20	5.06	7.94	8.10	1.20	0.36	-2.54	-0.71
8.91	4.60	-5.99	2.10	2.64	-2.40	-0.86	-0.09	0.51	4.04	7.53	1.65	8.15	5.01	7.89	8.05	1.15	0.31	-2.49	-0.76
8.76	4.55	-5.94	2.05	2.59	-2.45	-0.81	-0.14	0.46	3.99	7.48	1.60	8.10	4.96	7.84	8.00	1.10	0.26	-2.44	-0.81
8.61	4.50	-5.89	2.00	2.54	-2.50	-0.76	-0.19	0.41	3.94	7.43	1.55	8.05	4.91	7.79	7.95	1.05	0.21	-2.39	-0.86
8.46	4.45	-5.84	1.95	2.49	-2.55	-0.71	-0.24	0.36	3.89	7.38	1.50	8.00	4.86	7.74	7.90	1.00	0.16	-2.34	-0.91
8.31	4.40	-5.79	1.90	2.44	-2.60	-0.66	-0.29	0.31	3.84	7.33	1.45	7.95	4.81	7.69	7.85	0.95	0.11	-2.29	-0.96
8.16	4.35	-5.74	1.85	2.39	-2.65	-0.61	-0.34	0.26	3.79	7.28	1.40	7.90	4.76	7.64	7.80	0.90	0.06	-2.24	-1.01
8.01	4.30	-5.69	1.80	2.34	-2.70	-0.56	-0.39	0.21	3.74	7.23	1.35	7.85	4.71	7.59	7.75	0.85	0.01	-2.19	-1.06
7.86	4.25	-5.64	1.75	2.29	-2.75	-0.51	-0.44	0.16	3.69	7.18	1.30	7.80	4.66	7.54	7.70	0.80	-0.04	-2.14	-1.11
7.71	4.20	-5.59	1.70	2.24	-2.80	-0.46	-0.49	0.11	3.64	7.13	1.25	7.75	4.61	7.49	7.65	0.75	-0.09	-2.09	-1.16
7.56	4.15	-5.54	1.65	2.19	-2.85	-0.41	-0.54	0.06	3.59	7.08	1.20	7.70	4.56	7.44	7.60	0.70	-0.14	-2.04	-1.21
7.41	4.10	-5.49	1.60	2.14	-2.90	-0.36	-0.59	0.01	3.54	7.03	1.15	7.65	4.51	7.39	7.55	0.65	-0.19	-1.99	-1.26
7.26	4.05	-5.44	1.55	2.09	-2.95	-0.31	-0.64	-0.04	3.49	6.98	1.10	7.60	4.46	7.34	7.50	0.60	-0.24	-1.94	-1.31
7.11	4.00	-5.39	1.50	2.04	-3.00	-0.26	-0.69	-0.09	3.44	6.93	1.05	7.55	4.41	7.29	7.45	0.55	-0.29	-1.89	-1.36
6.96	3.95	-5.34	1.45	1.99	-3.05	-0.21	-0.74	-0.14	3.39	6.88	1.00	7.50	4.36	7.24	7.40	0.50	-0.34	-1.84	-1.41
6.81	3.90	-5.29	1.40	1.94	-3.10	-0.16	-0.79	-0.19	3.34	6.83	0.95	7.45	4.31	7.19	7.35	0.45	-0.39	-1.79	-1.46
6.66	3.85	-5.24	1.35	1.89	-3.15	-0.11	-0.84	-0.24	3.29	6.78	0.90	7.40	4.26	7.14	7.30	0.40	-0.44	-1.74	-1.51
6.51	3.80	-5.19	1.30	1.84	-3.20	-0.06	-0.89	-0.29	3.24	6.73	0.85	7.35	4.21	7.09	7.25	0.35	-0.49	-1.69	-1.56
6.36	3.75	-5.14	1.25	1.79	-3.25	0.00	-0.94	-0.34	3.19	6.68	0.80	7.30	4.16	7.04	7.20	0.30	-0.54	-1.64	-1.61
6.21	3.70	-5.09	1.20	1.74	-3.30	0.05	-0.99	-0.39	3.14	6.63	0.75	7.25	4.11	6.99	7.15	0.25	-0.59	-1.59	-1.66
6.06	3.65	-5.04	1.15	1.69	-3.35	0.10	-1.04	-0.44	3.09	6.58	0.70	7.20	4.06	6.94	7.10	0.20	-0.64	-1.54	-1.71
5.91	3.60	-4.99	1.10	1.64	-3.40	0.15	-1.09	-0.49	3.04	6.53	0.65	7.15	4.01	6.89	7.05	0.15	-0.69	-1.49	-1.76
5.76	3.55	-4.94	1.05	1.59	-3.45	0.20	-1.14	-0.54	2.99	6.48	0.60	7.10	3.96	6.84	7.00	0.10	-0.74	-1.44	-1.81
5.61	3.50	-4.89	1.00	1.54	-3.50	0.25	-1.19	-0.59	2.94	6.43	0.55	7.05	3.91	6.79	6.95	0.05	-0.79	-1.39	-1.86
5.46	3.45	-4.84	0.95	1.49	-3.55	0.30	-1.24	-0.64	2.89	6.38	0.50	7.00	3.86	6.74	6.90	0.00	-0.84	-1.34	-1.91
5.31	3.40	-4.79	0.90	1.44	-3.60	0.35	-1.29	-0.69	2.84	6.33	0.45	6.95	3.81	6.69	6.85	-0.05	-0.89	-1.29	-1.96
5.16	3.35	-4.74	0.85	1.39	-3.65	0.40	-1.34	-0.74	2.79	6.28	0.40	6.90	3.76	6.64	6.80	-0.10	-0.94	-1.24	-2.01
5.01	3.30	-4.69	0.80	1.34	-3.70	0.45	-1.39	-0.79	2.74	6.23	0.35	6.85	3.71	6.59	6.75	-0.15	-0.99	-1.19	-2.06
4.86	3.25	-4.64	0.75	1.29	-3.75	0.50	-1.44	-0.84	2.69	6.18	0.30	6.80	3.66	6.54	6.70	-0.20	-1.04	-1.14	-2.11
4.71	3.20	-4.59	0.70	1.24	-3.80	0.55	-1.49	-0.89	2.64	6.13	0.25	6.75	3.61	6.49	6.65	-0.25	-1.09	-1.09	-2.16
4.56	3.15	-4.54	0.65	1.19	-3.85	0.60	-1.54	-0.94	2.59	6.08	0.20	6.70	3.56	6.44	6.60	-0.30	-1.14	-1.04	-2.21
4.41	3.10	-4.49	0.60	1.14	-3.90	0.65	-1.59	-0.99	2.54	6.03	0.15	6.65	3.51	6.39	6.55	-0.35	-1.19	-0.99	-2.26
4.26	3.05	-4.44	0.55	1.09	-3.95	0.70	-1.64	-1.04	2.49	5.98	0.10	6.60	3.46	6.34	6.50	-0.40	-1.24	-0.94	-2.31
4.11	3.00	-4.39	0.50	1.04	-4.00	0.75	-1.69	-1.09	2.44	5.93	0.05	6.55	3.41	6.29	6.45	-0.45	-1.29	-0.89	-2.36
3.96	2.95	-4.34	0.45	0.99	-4.05	0.80	-1.74	-1.14	2.39	5.88	0.00	6.50	3.36	6.24	6.40	-0.50	-1.34	-0.84	-2.41
3.81	2.90	-4.29	0.40	0.94	-4.10	0.85	-1.79	-1.19	2.34	5.83	-0.05	6.45	3.31	6.19	6.35	-0.55	-1.39	-0.79	-2.46
3.66	2.85	-4.24	0.35	0.89	-4.15	0.90	-1.84	-1.24	2.29	5.78	-0.10	6.40	3.26	6.14	6.30	-0.60	-1.44	-0.74	-2.51
3.51	2.80	-4.19	0.30	0.84	-4.20	0.95	-1.89	-1.29	2.24	5.73	-0.15	6.35	3.21	6.09	6.25	-0.65	-1.49	-0.69	-2.56
3.36	2.75	-4.14	0.25	0.79	-4.25	1.00	-1.94	-1.34	2.19	5.68	-0.20	6.30	3.16	6.04	6.20	-0.70	-1.54	-0.64	-2.61
3.21	2.70	-4.09	0.20	0.74	-4.30	1.05	-1.99	-1.39	2.14	5.63	-0.25	6.25	3.11	5.99	6.15	-0.75	-1.59	-0.59	-2.66
3.06	2.65	-4.04	0.15	0.69	-4.35	1.10	-2.04	-1.44	2.09	5.58	-0.30	6.20	3.06	5.94	6.10	-0.80	-1.64	-0.54	-2.71
2.91	2.60	-3.99	0.10	0.64	-4.40	1.15	-2.09	-1.49	2.04	5.53	-0.35	6.15	3.01	5.89	6.05	-0.85	-1.69	-0.49	-2.76
2.76	2.55	-3.94	0.05	0.59	-4.45	1.20	-2.14	-1.54	1.99	5.48	-0.40	6.10	2.96	5.84	6.00	-0.90	-1.74	-0.44	-2.81
2.61	2.50	-3.89	0.00	0.54	-4.50	1.25	-2.19	-1.59	1.94	5.43	-0.45	6.05	2.91						

1895-209

76.038 TANGSHAN AFTERSHOCK NOV. 15, 1976. 21:53 M#6,9

STATION NO. 01006 TONGXIAN GONGGUAN BRIDGE

POINT 1 GROUND COMP. EA

COMPUTED VELOCITY UNIT: CM/SEC

EQUALLY SPACED INTERVALS OF .01 SEC

EFFECTIVE FREQUENCY BAND: 0.30 --- 35.00 HZ

NO. OF POINTS: 3440

PEAK VALUE: -2.95 AT 13.50 SEC

DURATION: 34.39 SEC

3.85	3.27	-2.14	-0.93	0.01	1.42	2.00	3.35	4.75	5.50
4.20	2.11	0.19	-2.29	-0.29	0.35	3.15	4.24	4.32	4.30
4.30	4.37	4.39	4.46	4.47	4.48	4.54	4.55	4.57	4.57
4.60	4.68	4.34	2.35	-0.56	-1.62	-0.9	0.98	2.33	3.29
2.26	-0.93	3.91	-2.59	-3.38	-0.62	-0.01	-0.37	-0.99	-0.99
-1.33	-1.80	-2.32	-2.69	-3.22	-3.63	-3.66	-3.95	-3.39	-3.26
-3.15	-2.99	-2.87	-2.74	-2.66	-2.48	-2.35	-1.76	-1.24	-0.68
-0.16	0.36	0.96	1.47	2.04	2.66	3.11	3.85	4.12	2.47
-0.11	-2.35	-3.04	-3.00	-2.74	-2.50	-2.29	-0.90	-0.31	-0.44
-0.53	0.73	0.67	0.39	0.15	0.13	0.12	0.18	0.34	0.03
0.53	0.73	0.67	0.39	0.15	0.13	0.12	0.18	0.34	0.03
-1.14	-2.51	-3.70	-1.86	-1.37	-1.13	-0.96	-0.58	-1.95	-3.06
3.69	2.74	1.85	1.06	0.29	-0.40	-1.13	-1.87	-1.13	-0.99
-0.71	-0.57	-0.40	-0.07	0.03	0.18	-0.29	-0.64	-0.99	-1.12
-0.29	3.24	5.96	5.84	4.30	3.40	2.32	1.07	0.10	-1.12
-2.26	3.38	4.56	-4.45	-2.51	-0.51	1.32	0.86	-0.59	-1.33
-2.21	3.31	4.33	-4.01	-1.06	2.40	4.47	4.38	4.10	3.98
3.44	1.14	2.51	-1.77	-0.66	-0.09	0.9	1.70	1.57	0.80
0.45	-0.08	-0.67	-1.06	-1.66	-2.46	-3.21	-2.29	0.03	0.03
2.48	4.65	4.92	2.62	0.55	0.18	0.37	0.58	0.76	0.91
1.15	1.29	1.49	1.72	1.84	2.09	2.29	2.40	2.73	2.82
2.34	0.99	1.11	-1.96	-0.99	2.83	5.05	5.57	2.79	0.49
-3.34	-5.14	-6.40	-3.98	-1.66	-0.46	-2.86	-5.05	7.50	9.43
-6.60	3.58	2.86	0.35	-0.91	-4.76	-5.33	-2.06	-0.93	0.36

0.40	0.31	0.22	0.14	0.07	0.00	-0.07	-0.13	-0.18	-0.12
-0.08	-0.04	-0.12	-0.17	-0.24	-0.31	-0.40	-0.45	-0.48	-0.46
-0.26	-0.15	-0.09	-0.06	-0.01	0.01	0.02	0.09	0.15	0.19
-0.17	-0.10	0.01	0.12	0.15	0.13	0.08	0.05	0.04	0.06
0.14	0.25	0.34	0.37	0.36	0.31	0.21	0.06	-0.09	-0.20
-0.26	-0.29	-0.32	-0.36	-0.38	-0.35	-0.27	-0.13	0.01	0.14
0.22	0.27	0.25	0.12	-0.09	-0.31	-0.47	-0.53	-0.51	-0.45
-0.40	-0.39	-0.42	-0.44	-0.42	-0.39	-0.37	-0.35	-0.34	-0.32
-0.28	-0.21	-0.07	0.10	0.25	0.35	0.36	0.39	0.37	0.27
0.07	0.15	0.28	0.26	-0.12	0.09	0.31	0.47	0.52	0.48
0.37	0.26	0.21	0.24	0.33	0.43	0.46	0.46	0.33	0.14
-0.11	-0.34	-0.46	-0.49	-0.36	-0.17	-0.02	0.04	-0.01	-0.13
-0.30	-0.47	-0.61	-0.67	-0.64	-0.55	-0.37	-0.28	-0.12	-0.07
-0.13	-0.26	-0.40	-0.50	-0.53	-0.49	-0.37	-0.24	-0.12	-0.06
-0.27	-0.22	-0.13	-0.08	-0.05	-0.02	0.01	0.09	0.02	0.01
-0.13	-0.11	-0.06	-0.03	-0.02	0.01	0.01	0.04	0.03	0.04
0.17	0.40	0.42	0.46	0.40	0.27	0.17	0.10	0.08	0.06
-0.14	-0.16	-0.12	-0.01	0.15	0.33	0.56	0.55	0.61	0.65
0.66	0.63	0.56	0.49	0.47	0.31	0.26	0.29	0.61	0.66
0.72	0.71	0.63	0.52	0.41	0.34	0.33	0.36	0.41	0.45
0.48	0.48	0.44	0.41	0.42	0.46	0.52	0.54	0.49	0.42
0.36	0.33	0.32	0.32	0.35	0.37	0.36	0.39	0.40	0.39
0.01	-0.02	0.00	0.06	0.14	0.24	0.32	0.38	0.40	0.39
0.34	0.28	0.21	0.16	0.15	0.13	0.23	0.29	0.29	0.21
0.09	0.03	0.03	0.04	0.03	0.02	0.06	0.18	0.29	0.34
0.34	0.30	0.25	0.20	0.12	-0.00	-0.11	-0.16	-0.17	-0.17
-0.14	-0.09	-0.03	0.01	0.02	0.02	0.00	-0.02	-0.02	0.01
0.06	0.12	0.15	0.12	0.04	0.04	0.07	0.08	-0.24	0.04
-0.18	-0.08	0.01	0.04	0.04	0.01	-0.03	-0.08	-0.11	-0.10
-0.06	-0.05	-0.09	-0.16	-0.17	-0.12	-0.09	-0.08	-0.08	-0.24
-0.27	-0.26	-0.22	-0.15	-0.08	-0.06	-0.13	-0.24	-0.36	-0.45
-0.37	-0.30	-0.44	-0.35	-0.27	-0.16	-0.18	-0.18	-0.26	-0.35
-0.37	-0.30	-0.44	-0.35	-0.27	-0.16	-0.18	-0.18	-0.26	-0.35
-0.33	-0.20	-0.32	-0.25	-0.16	-0.08	-0.07	-0.16	-0.24	-0.33
-0.08	-0.03	-0.03	-0.06	-0.08	-0.08	-0.07	-0.16	-0.24	-0.33
-0.30	-0.32	-0.31	-0.28	-0.18	-0.05	-0.00	0.00	0.00	-0.11
-0.16	-0.20	-0.24	-0.21	-0.24	-0.20	-0.16	-0.14	-0.15	-0.17
-0.19	-0.22	-0.24	-0.24	-0.20	-0.12	-0.03	0.03	0.01	-0.07
-0.21	-0.37	-0.53	-0.66	-0.69	-0.60	-0.52	-0.23	-0.11	-0.04
-0.03	-0.05	-0.11	-0.20	-0.31	-0.40	-0.45	-0.44	-0.40	-0.40
-0.33	-0.24	-0.10	-0.05	0.02	0.03	-0.03	-0.12	-0.21	-0.28
-0.30	-0.26	-0.17	-0.05	0.06	0.12	0.13	0.09	0.04	0.01
-0.01	-0.08	-0.13	-0.12	-0.04	0.04	0.11	0.17	0.16	0.11
0.00	-0.08	-0.09	-0.03	0.06	0.19	0.21	0.21	0.16	0.11
0.08	0.05	0.06	0.12	0.24	0.35	0.43	0.47	0.49	0.47

0.39	0.26	0.13	0.04	0.07	0.14	0.23	0.34	0.31	-0.26	-0.11	-0.37	-0.43	-0.45	-0.47	-0.48	-0.49	-0.50	-0.51	-0.52	-0.53	-0.54	-0.55	-0.56	-0.57	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00
0.42	0.29	0.16	0.07	0.10	0.17	0.26	0.37	0.31	-0.28	-0.14	-0.41	-0.47	-0.49	-0.50	-0.51	-0.52	-0.53	-0.54	-0.55	-0.56	-0.57	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00			
0.45	0.32	0.19	0.09	0.12	0.19	0.28	0.39	0.33	-0.31	-0.17	-0.44	-0.50	-0.52	-0.53	-0.54	-0.55	-0.56	-0.57	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00						
0.48	0.35	0.22	0.11	0.14	0.21	0.30	0.41	0.35	-0.34	-0.20	-0.47	-0.53	-0.55	-0.56	-0.57	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00									
0.51	0.38	0.25	0.13	0.16	0.23	0.32	0.43	0.37	-0.37	-0.23	-0.50	-0.56	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00												
0.54	0.41	0.28	0.15	0.18	0.25	0.34	0.45	0.39	-0.40	-0.26	-0.53	-0.59	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00															
0.57	0.44	0.31	0.17	0.20	0.27	0.36	0.47	0.41	-0.43	-0.29	-0.56	-0.62	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																		
0.60	0.47	0.34	0.19	0.22	0.29	0.38	0.49	0.43	-0.46	-0.32	-0.59	-0.65	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																					
0.63	0.50	0.37	0.21	0.24	0.31	0.40	0.51	0.45	-0.49	-0.35	-0.62	-0.68	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																								
0.66	0.53	0.40	0.23	0.26	0.33	0.42	0.53	0.47	-0.52	-0.38	-0.65	-0.71	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																											
0.69	0.56	0.43	0.25	0.28	0.35	0.44	0.55	0.49	-0.55	-0.41	-0.72	-0.78	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																		
0.72	0.59	0.46	0.27	0.30	0.37	0.46	0.57	0.51	-0.58	-0.44	-0.75	-0.81	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																					
0.75	0.62	0.49	0.29	0.32	0.39	0.48	0.59	0.53	-0.61	-0.47	-0.78	-0.84	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																								
0.78	0.65	0.52	0.31	0.34	0.41	0.50	0.61	0.55	-0.64	-0.50	-0.81	-0.87	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																											
0.81	0.68	0.55	0.33	0.36	0.43	0.52	0.63	0.57	-0.67	-0.53	-0.84	-0.90	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																														
0.84	0.71	0.58	0.35	0.38	0.45	0.54	0.65	0.59	-0.70	-0.56	-0.87	-0.93	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00																																																	
0.87	0.74	0.61	0.37	0.40	0.47	0.56	0.67	0.61	-0.73	-0.59	-0.90	-0.96	-0.98	-0.99	-1.00																																																				
0.90	0.77	0.64	0.39	0.42	0.49	0.58	0.69	0.63	-0.76	-0.62	-0.93	-0.99	-1.00																																																						
0.93	0.80	0.67	0.41	0.44	0.51	0.60	0.71	0.65	-0.79	-0.65	-0.96	-1.00																																																							
0.96	0.83	0.70	0.43	0.46	0.53	0.62	0.73	0.67	-0.82	-0.68	-0.99	-1.00																																																							
0.99	0.86	0.73	0.45	0.48	0.55	0.64	0.75	0.69	-0.85	-0.71	-1.00																																																								
1.02	0.89	0.76	0.47	0.50	0.57	0.66	0.77	0.71	-0.88	-0.74	-1.00																																																								
1.05	0.92	0.79	0.49	0.52	0.59	0.68	0.79	0.73	-0.91	-0.77	-1.00																																																								
1.08	0.95	0.82	0.51	0.54	0.61	0.70	0.81	0.75	-0.94	-0.80	-1.00																																																								
1.11	0.98	0.85	0.53	0.56	0.63	0.72	0.83	0.77	-0.97	-0.83	-1.00																																																								
1.14	1.01	0.88	0.55	0.58	0.65	0.74	0.85	0.79	-1.00																																																										
1.17	1.04	0.91	0.57	0.60	0.67	0.76	0.87	0.81	-1.00																																																										
1.20	1.07	0.94	0.59	0.62	0.69	0.78	0.89	0.83	-1.00																																																										
1.23	1.10	0.97	0.61	0.64	0.71	0.80	0.91	0.85	-1.00																																																										
1.26	1.13	1.00	0.63	0.66	0.73	0.82	0.93	0.87	-1.00																																																										
1.29	1.16	1.03	0.65	0.68	0.75	0.84	0.95	0.89	-1.00																																																										
1.32	1.19	1.06	0.67	0.70	0.77	0.86	0.97	0.91	-1.00																																																										
1.35	1.22	1.09	0.69	0.72	0.79	0.88	0.99	0.93	-1.00																																																										
1.38	1.25	1.12	0.71	0.74	0.81	0.90	1.01	0.95	-1.00																																																										
1.41	1.28	1.15	0.73	0.76	0.83	0.92	1.03	0.97	-1.00																																																										
1.44	1.31	1.18	0.75	0.78	0.85	0.94	1.05	0.99	-1.00																																																										
1.47	1.34	1.21	0.77	0.80	0.87	0.96	1.07	1.01	-1.00																																																										
1.50	1.37	1.24	0.79	0.82	0.89	0.98	1.09	1.03	-1.00																																																										
1.53	1.40	1.27	0.81	0.84	0.91	1.00	1.11	1.05	-1.00																																																										
1.56	1.43	1.30	0.83	0.86	0.93	1.02	1.13	1.07	-1.00																																																										
1.59	1.46	1.33	0.85	0.88	0.95	1.04	1.15	1.09	-1.00																																																										
1.62	1.49	1.36	0.87	0.90	0.97	1.06	1.17	1.11	-1.00																																																										
1.65	1.52	1.39	0.89	0.92	0.99	1.08	1.19	1.13	-1.00																																																										
1.68	1.55	1.42	0.91	0.94	1.01	1.10	1.21	1.15	-1.00																																																										
1.71	1.58	1.45	0.93	0.96	1.03	1.12	1.23	1.17	-1.00																																																										
1.74	1.61	1.48	0.95	0.98	1.05	1.14	1.25	1.19	-1.00																																																										
1.77	1.64	1.51	0.97	1.00	1.07	1.16	1.27	1.21	-1.00																																																										
1.80	1.67	1.54	0.99	1.02	1.09	1.18	1.29	1.23	-1.00																																																										
1.83	1.70	1.57	1.01	1.04	1.11	1.20	1.31	1.25	-1.00																																																										
1.86	1.73	1.60	1.03	1.06	1.13	1.22	1.33	1.27	-1.00																																																										
1.89	1.76	1.63	1.05	1.08	1.15	1.24	1.35	1.29	-1.00																																																										
1.92	1.79	1.66	1.07	1.10	1.17	1.26	1.37	1.31	-1.00																																																										
1.95	1.82	1.69	1.09	1.12	1.19	1.28	1.39	1.33	-1.00																																																										
1.98	1.85	1.72	1.11	1.14	1.21	1.30	1.41	1.35	-1.00																																																										
2.01	1.88	1.75	1.13	1.16	1.23	1.32	1.43	1.37	-1.00																																																										
2.04	1.91	1.78	1.15	1.18	1.25	1.34	1.45	1.39	-1.00																																																										
2.07	1.94	1.81	1.17	1.20	1.27	1.36	1.47	1.41	-1.00																																																										
2.10	1.97	1.84	1.19	1.22	1.29	1.38	1.49	1.43	-1.00																																																										
2.13	2.00	1.87	1.21	1.24	1.31	1.40	1.51	1.45	-1.00																																																										
2.16	2.03	1.90	1.23	1.26	1.33	1.42	1.53	1.47	-1.00																																																										
2.19	2.06	1.93	1.25	1.28	1.35	1.44	1.55	1.49	-1.00																																																										
2.22	2.09	1.96	1.27	1.30	1.37	1.46	1.57	1.51	-1.00																																																										
2.25	2.12	1.99	1.29	1.32	1.39	1.48	1.59	1.53	-1.00																																																										
2.28	2.15	2.02	1.31	1.34	1.41	1.50	1.61	1.55	-1.00																																																										
2.31	2.18	2.05	1.33	1.36	1.43	1.52	1.63	1.57	-1.00																																																										
2.34	2.21	2.08	1.35	1.38	1.45	1.54	1.65	1.59	-1.00																																																										
2.37	2.24	2.11	1.37	1.40	1.47	1.56	1.67	1.61	-1.00																																																										
2.40	2.27	2.14	1.39	1.42	1.49	1.58	1.69	1.63	-1.00																																																										
2.43	2.30	2.17	1.41	1.44	1.51	1.60	1.71	1.65	-1.00																																																										
2.46	2.33	2.20	1.43	1.46	1.53	1.62	1.73	1.67	-1.00																																																										
2.49	2.36	2.23	1.45	1.48	1.55	1.64	1.75	1.69	-1.00																																																										
2.52	2.39	2.26	1.47	1.50	1.57	1.66	1.77	1.71	-1.00																																																										
2.55	2.42	2.29	1.49	1.52	1.59	1.68	1.79	1.73	-1.00																																																										
2.58	2.45	2.32	1.51	1.54	1.61	1.70	1.81	1.75	-1.00																																																										
2.61	2.48	2.35	1.53	1.56	1.63	1.72	1.83	1.77	-1.00																																																										
2.64	2.51	2.38	1.55	1.58	1.65	1.74	1.85	1.79	-1.00																																																										
2																																																																			

1855-210
TANGSHAN AFTERSHOCK NOV. 15, 1976, 21:57 486.9
STATION NO. 01106 TANGSHAN CONCRETE BRIDGE
POINT 1 GROUND COMP. SN
CORRECTED ACCELERATION
EQUALLY SPACED INTERVALS OF 0.1 SEC/SEC
EFFECTIVE FREQUENCY BAND: 0.30 -- 35.00 Hz
PEAK VALUE: 58.37 AT 13.54 SEC DURATION: 34.31 SEC

-0.050	-0.053	-0.057	-0.061	-0.065	-0.069	-0.073	-0.077	-0.080	-0.083
-0.086	-0.091	-0.094	-0.097	-0.100	-0.103	-0.106	-0.109	-0.111	-0.113
-0.116	-0.119	-0.121	-0.123	-0.125	-0.127	-0.129	-0.131	-0.132	-0.133
-0.135	-0.137	-0.139	-0.141	-0.142	-0.144	-0.145	-0.146	-0.147	-0.148
-0.149	-0.150	-0.151	-0.152	-0.153	-0.154	-0.155	-0.156	-0.157	-0.158
-0.159	-0.160	-0.161	-0.162	-0.163	-0.164	-0.165	-0.166	-0.167	-0.168
-0.169	-0.170	-0.171	-0.172	-0.173	-0.174	-0.175	-0.176	-0.177	-0.178
-0.179	-0.180	-0.181	-0.182	-0.183	-0.184	-0.185	-0.186	-0.187	-0.188
-0.189	-0.190	-0.191	-0.192	-0.193	-0.194	-0.195	-0.196	-0.197	-0.198
-0.199	-0.200	-0.201	-0.202	-0.203	-0.204	-0.205	-0.206	-0.207	-0.208
-0.209	-0.210	-0.211	-0.212	-0.213	-0.214	-0.215	-0.216	-0.217	-0.218
-0.219	-0.220	-0.221	-0.222	-0.223	-0.224	-0.225	-0.226	-0.227	-0.228
-0.229	-0.230	-0.231	-0.232	-0.233	-0.234	-0.235	-0.236	-0.237	-0.238
-0.239	-0.240	-0.241	-0.242	-0.243	-0.244	-0.245	-0.246	-0.247	-0.248
-0.249	-0.250	-0.251	-0.252	-0.253	-0.254	-0.255	-0.256	-0.257	-0.258
-0.259	-0.260	-0.261	-0.262	-0.263	-0.264	-0.265	-0.266	-0.267	-0.268
-0.269	-0.270	-0.271	-0.272	-0.273	-0.274	-0.275	-0.276	-0.277	-0.278
-0.279	-0.280	-0.281	-0.282	-0.283	-0.284	-0.285	-0.286	-0.287	-0.288
-0.289	-0.290	-0.291	-0.292	-0.293	-0.294	-0.295	-0.296	-0.297	-0.298
-0.299	-0.300	-0.301	-0.302	-0.303	-0.304	-0.305	-0.306	-0.307	-0.308
-0.309	-0.310	-0.311	-0.312	-0.313	-0.314	-0.315	-0.316	-0.317	-0.318
-0.319	-0.320	-0.321	-0.322	-0.323	-0.324	-0.325	-0.326	-0.327	-0.328
-0.329	-0.330	-0.331	-0.332	-0.333	-0.334	-0.335	-0.336	-0.337	-0.338
-0.339	-0.340	-0.341	-0.342	-0.343	-0.344	-0.345	-0.346	-0.347	-0.348
-0.349	-0.350	-0.351	-0.352	-0.353	-0.354	-0.355	-0.356	-0.357	-0.358
-0.359	-0.360	-0.361	-0.362	-0.363	-0.364	-0.365	-0.366	-0.367	-0.368
-0.369	-0.370	-0.371	-0.372	-0.373	-0.374	-0.375	-0.376	-0.377	-0.378
-0.379	-0.380	-0.381	-0.382	-0.383	-0.384	-0.385	-0.386	-0.387	-0.388
-0.389	-0.390	-0.391	-0.392	-0.393	-0.394	-0.395	-0.396	-0.397	-0.398
-0.399	-0.400	-0.401	-0.402	-0.403	-0.404	-0.405	-0.406	-0.407	-0.408
-0.409	-0.410	-0.411	-0.412	-0.413	-0.414	-0.415	-0.416	-0.417	-0.418
-0.419	-0.420	-0.421	-0.422	-0.423	-0.424	-0.425	-0.426	-0.427	-0.428
-0.429	-0.430	-0.431	-0.432	-0.433	-0.434	-0.435	-0.436	-0.437	-0.438
-0.439	-0.440	-0.441	-0.442	-0.443	-0.444	-0.445	-0.446	-0.447	-0.448
-0.449	-0.450	-0.451	-0.452	-0.453	-0.454	-0.455	-0.456	-0.457	-0.458
-0.459	-0.460	-0.461	-0.462	-0.463	-0.464	-0.465	-0.466	-0.467	-0.468
-0.469	-0.470	-0.471	-0.472	-0.473	-0.474	-0.475	-0.476	-0.477	-0.478
-0.479	-0.480	-0.481	-0.482	-0.483	-0.484	-0.485	-0.486	-0.487	-0.488
-0.489	-0.490	-0.491	-0.492	-0.493	-0.494	-0.495	-0.496	-0.497	-0.498
-0.499	-0.500	-0.501	-0.502	-0.503	-0.504	-0.505	-0.506	-0.507	-0.508
-0.509	-0.510	-0.511	-0.512	-0.513	-0.514	-0.515	-0.516	-0.517	-0.518
-0.519	-0.520	-0.521	-0.522	-0.523	-0.524	-0.525	-0.526	-0.527	-0.528
-0.529	-0.530	-0.531	-0.532	-0.533	-0.534	-0.535	-0.536	-0.537	-0.538
-0.539	-0.540	-0.541	-0.542	-0.543	-0.544	-0.545	-0.546	-0.547	-0.548
-0.549	-0.550	-0.551	-0.552	-0.553	-0.554	-0.555	-0.556	-0.557	-0.558
-0.559	-0.560	-0.561	-0.562	-0.563	-0.564	-0.565	-0.566	-0.567	-0.568
-0.569	-0.570	-0.571	-0.572	-0.573	-0.574	-0.575	-0.576	-0.577	-0.578
-0.579	-0.580	-0.581	-0.582	-0.583	-0.584	-0.585	-0.586	-0.587	-0.588
-0.589	-0.590	-0.591	-0.592	-0.593	-0.594	-0.595	-0.596	-0.597	-0.598
-0.599	-0.600	-0.601	-0.602	-0.603	-0.604	-0.605	-0.606	-0.607	-0.608
-0.609	-0.610	-0.611	-0.612	-0.613	-0.614	-0.615	-0.616	-0.617	-0.618
-0.619	-0.620	-0.621	-0.622	-0.623	-0.624	-0.625	-0.626	-0.627	-0.628
-0.629	-0.630	-0.631	-0.632	-0.633	-0.634	-0.635	-0.636	-0.637	-0.638
-0.639	-0.640	-0.641	-0.642	-0.643	-0.644	-0.645	-0.646	-0.647	-0.648
-0.649	-0.650	-0.651	-0.652	-0.653	-0.654	-0.655	-0.656	-0.657	-0.658
-0.659	-0.660	-0.661	-0.662	-0.663	-0.664	-0.665	-0.666	-0.667	-0.668
-0.669	-0.670	-0.671	-0.672	-0.673	-0.674	-0.675	-0.676	-0.677	-0.678
-0.679	-0.680	-0.681	-0.682	-0.683	-0.684	-0.685	-0.686	-0.687	-0.688
-0.689	-0.690	-0.691	-0.692	-0.693	-0.694	-0.695	-0.696	-0.697	-0.698
-0.699	-0.700	-0.701	-0.702	-0.703	-0.704	-0.705	-0.706	-0.707	-0.708
-0.709	-0.710	-0.711	-0.712	-0.713	-0.714	-0.715	-0.716	-0.717	-0.718
-0.719	-0.720	-0.721	-0.722	-0.723	-0.724	-0.725	-0.726	-0.727	-0.728
-0.729	-0.730	-0.731	-0.732	-0.733	-0.734	-0.735	-0.736	-0.737	-0.738
-0.739	-0.740	-0.741	-0.742	-0.743	-0.744	-0.745	-0.746	-0.747	-0.748
-0.749	-0.750	-0.751	-0.752	-0.753	-0.754	-0.755	-0.756	-0.757	-0.758
-0.759	-0.760	-0.761	-0.762	-0.763	-0.764	-0.765	-0.766	-0.767	-0.768
-0.769	-0.770	-0.771	-0.772	-0.773	-0.774	-0.775	-0.776	-0.777	-0.778
-0.779	-0.780	-0.781	-0.782	-0.783	-0.784	-0.785	-0.786	-0.787	-0.788
-0.789	-0.790	-0.791	-0.792	-0.793	-0.794	-0.795	-0.796	-0.797	-0.798
-0.799	-0.800	-0.801	-0.802	-0.803	-0.804	-0.805	-0.806	-0.807	-0.808
-0.809	-0.810	-0.811	-0.812	-0.813	-0.814	-0.815	-0.816	-0.817	-0.818
-0.819	-0.820	-0.821	-0.822	-0.823	-0.824	-0.825	-0.826	-0.827	-0.828
-0.829	-0.830	-0.831	-0.832	-0.833	-0.834	-0.835	-0.836	-0.837	-0.838
-0.839	-0.840	-0.841	-0.842	-0.843	-0.844	-0.845	-0.846	-0.847	-0.848
-0.849	-0.850	-0.851	-0.852	-0.853	-0.854	-0.855	-0.856	-0.857	-0.858
-0.859	-0.860	-0.861	-0.862	-0.863	-0.864	-0.865	-0.866	-0.867	-0.868
-0.869	-0.870	-0.871	-0.872	-0.873	-0.874	-0.875	-0.876	-0.877	-0.878
-0.879	-0.880	-0.881	-0.882	-0.883	-0.884	-0.885	-0.886	-0.887	-0.888
-0.889	-0.890	-0.891	-0.892	-0.893	-0.894	-0.895	-0.896	-0.897	-0.898
-0.899	-0.900	-0.901	-0.902	-0.903	-0.904	-0.905	-0.906	-0.907	-0.908
-0.909	-0.910	-0.911	-0.912	-0.913	-0.914	-0.915	-0.916	-0.917	-0.918
-0.919	-0.920	-0.921	-0.922	-0.923	-0.924	-0.925	-0.926	-0.927	-0.928
-0.929	-0.930	-0.931	-0.932	-0.933	-0.934	-0.935	-0.936	-0.937	-0.938
-0.939	-0.940	-0.941	-0.942	-0.943	-0.944	-0.945	-0.946	-0.947	-0.948
-0.949	-0.950	-0.951	-0.952	-0.953	-0.954	-0.955	-0.956	-0.957	-0.958
-0.959	-0.960	-0.961	-0.962	-0.963	-0.964	-0.965	-0.966	-0.967	-0.968
-0.969	-0.970	-0.971	-0.972	-0.973	-0.974	-0.975	-0.976	-0.977	-0.978
-0.979	-0.980	-0.981	-0.982	-0.983	-0.984	-0.985	-0.986	-0.987	-0.988
-0.989	-0.990	-0.991	-0.992	-0.993	-0.994	-0.995	-0.996	-0.997	-0.998
-0.999	-1.000	-1.001	-1.002	-1.003	-1.004	-1.005	-1.006	-1.007	-1.008
-1.009	-1.010	-1.011	-1.012	-1.013	-1.014	-1.015	-1.016	-1.017	-1.018
-1.019	-1.020	-1.021	-1.022	-1.023	-1.024	-1.025	-1.026	-1.027	-1.028
-1.029	-1.030	-1.031	-1.032	-1.033	-1.034	-1.035	-1.036	-1.037	-1.038
-1.039	-1.040	-1.041	-1.042	-1.043	-1.044	-1.045	-1.046	-1.047	-1.048
-1.049	-1.050	-1.051	-1.052	-1.053	-1.054	-1.055	-1.056	-1.057	-1.058
-1.059	-1.060	-1.061	-1.062	-1.063	-1.064	-1.065	-1.066	-1.067	-1.068
-1.069	-1.070	-1.071	-1.072	-1.073	-1.074	-1.075	-1.076	-1.077	-1.078
-1.079	-1.080	-1.081	-1.082	-1.083	-1.084	-1.085	-1.086	-1.087	-1.088
-1.089	-1.090	-1.091	-1.092	-1.093	-1.094	-1.095	-1.096	-1.097	-1.098
-1.099	-1.100	-1.101	-1.102	-1.103	-1.104	-1.105	-1.106	-1.107	-1.108
-1.109	-1.110	-1.111	-1.112	-1.113	-1.114	-1.115	-1.116	-1.117	-1.118
-1.119	-1.120	-1.121	-1.122	-1.123	-1.124	-1.125	-1.126	-1.127	-1.128
-1.129	-1.130	-1.131	-1.132	-1.133	-1.134	-1.135	-1.136	-1.137	-1.138
-1.139	-1.140	-1.141	-1.142	-1.143	-1.144	-1.145	-1.146	-1.147	-1.148
-1.149	-1.150	-1.151	-1.152	-1.153	-1.154	-1.155	-1.156	-1.157	-1.158
-1.159	-1.160	-1.161	-1.162	-1.163	-1.164	-1.165	-1.166	-1.167	-1.168
-1.169	-1.170	-1.171	-1.172	-1.173	-1.174	-1.175	-1.176	-1.177	-1.178
-1.179	-1.180	-1.181	-1.182	-1.183	-1.184	-1.185	-1.186	-1.187	-1.188
-1.189	-1.190	-1.191	-1.192	-1.193	-1.194	-1.195	-1.196	-1.197	-1.198
-1.199	-1.200	-1.201	-1.202	-1.203	-1.204	-1.205	-1.206	-1.207	-1.208
-1.209	-1.210	-1.211	-1.212	-1.213	-1.214	-1.215	-1.216	-1.217	-1.218
-1.219	-1.220	-1.221	-1.222	-1.223	-1.224	-1.225	-1.226	-1.227	-1.228
-1.229	-1.230	-1.231	-1.232	-1.233	-1.234	-1.235	-1.236	-1.237	-1.238
-1.239	-1.240	-1.241	-1.242	-1.243	-1.244	-1.245	-1.246	-1.247	-1.248
-1.249	-1.250	-1.251	-1.252	-1.253	-1.254	-1.255	-1.256	-1.257	-1.258
-1.259	-1.260	-1.261	-1.262	-1.263	-1.264	-1.265	-1.266	-1.	

0.66	0.66	0.49	3.07	2.56	-1.21	-1.21	1.96	6.12	7.71	-1.93	0.32	4.27	6.06	7.02	9.62	2.12	0.00	-1.02	-0.10
7.45	7.17	7.13	6.24	4.19	2.23	2.21	4.06	4.54	2.66	0.69	0.73	0.36	3.53	6.03	7.05	7.51	-0.11	1.78	1.01
0.66	0.69	0.69	2.29	0.90	0.97	0.97	4.42	2.52	1.35	4.21	5.36	3.35	2.61	1.13	1.32	2.79	3.16	3.66	1.08
2.14	3.45	2.37	0.99	2.06	0.96	0.95	3.49	0.46	4.91	-1.15	-1.27	-1.00	-2.54	-2.19	-1.60	-0.75	0.70	2.00	2.34
9.09	0.76	2.14	2.37	2.24	0.96	0.95	3.97	3.25	3.43	3.09	5.18	2.94	0.02	-2.19	-2.49	5.16	0.77	0.88	2.34
-1.05	3.93	6.74	2.56	-1.76	-0.99	-0.99	1.59	-1.59	-1.11	-1.04	3.06	0.02	-1.04	-1.52	0.93	0.71	0.67	0.46	-0.72
-10.12	0.63	7.34	2.56	-0.05	-0.70	-0.70	2.59	1.57	-1.73	-1.44	-1.57	-12.91	-0.73	-1.01	0.19	0.53	1.74	2.00	2.78
3.42	5.77	7.45	1.72	-1.16	-0.91	-0.91	0.66	1.97	6.55	-0.46	2.32	3.71	3.43	2.93	0.11	0.46	0.44	2.50	2.07
5.96	6.77	7.45	1.72	-1.16	-0.91	-0.91	0.66	1.97	6.55	-0.46	2.32	3.71	3.43	2.93	0.11	0.46	0.44	2.50	2.07
2.57	2.10	2.10	0.60	0.03	-0.01	-0.01	0.03	0.17	0.74	-0.59	-0.73	5.74	0.54	2.62	1.25	0.41	0.58	0.47	0.57
4.87	2.57	2.57	3.30	-2.01	-0.94	-0.94	0.01	6.06	7.03	0.13	-0.66	2.29	3.19	-2.23	1.97	2.50	2.58	2.74	0.49
1.54	1.54	1.54	5.82	-0.06	-0.27	0.15	2.74	3.32	1.24	0.54	-0.59	0.10	0.61	0.41	0.62	0.82	1.09	0.99	0.99
1.62	2.57	3.56	0.90	-1.45	-0.42	-0.42	5.75	7.15	0.54	3.28	2.85	0.02	-0.61	-5.62	7.90	8.01	7.40	5.34	0.51
1.64	0.50	4.29	1.66	-1.45	-0.42	-0.42	4.20	0.05	2.91	3.46	5.46	6.18	7.06	6.56	1.92	8.01	7.40	5.34	0.51
4.55	6.05	5.41	4.13	5.35	6.26	4.17	1.57	0.63	3.37	-0.87	-0.73	2.16	4.74	1.53	2.86	6.55	6.05	1.01	1.08
3.76	3.10	5.13	9.03	1.28	1.33	7.49	5.56	-2.99	1.40	-0.74	-0.64	3.15	4.15	5.28	0.91	3.31	3.79	0.36	1.14
2.62	4.59	1.59	6.30	-0.48	-0.46	-0.46	5.37	3.21	1.04	-0.94	-0.94	1.72	-2.90	2.13	5.64	5.64	3.44	0.93	0.93
1.35	2.48	1.45	0.31	-0.22	1.31	5.05	5.40	3.66	2.13	-2.92	-2.94	1.66	3.69	7.61	7.79	7.47	0.60	0.73	0.73
0.43	0.65	0.19	3.39	6.03	5.22	3.00	0.55	-2.05	-4.05	0.77	1.14	10.18	6.13	1.77	2.41	0.12	-1.19	1.76	6.00
4.23	3.69	3.94	3.94	-1.66	-0.99	-0.99	4.50	4.79	5.18	0.72	1.74	9.99	6.43	1.77	2.41	0.12	-1.19	1.76	6.00
1.34	4.23	7.44	1.34	7.46	7.03	4.99	4.04	2.65	0.23	-1.35	-1.34	0.00	1.72	5.19	7.90	9.18	6.15	6.50	1.04
-1.31	3.75	3.60	1.33	3.07	6.36	5.99	5.69	4.46	1.47	1.41	9.92	7.94	3.70	0.79	2.85	7.11	6.70	9.00	1.04
9.21	1.95	2.90	2.25	-1.24	-1.24	-1.24	7.13	3.77	3.00	12.46	12.59	6.33	2.82	4.57	5.62	0.41	0.53	1.35	1.35
6.75	0.71	6.71	2.25	-1.24	-1.24	-1.24	6.74	1.67	3.70	9.66	10.69	12.53	7.44	5.25	5.62	1.02	-0.05	-0.23	3.56
1.21	1.82	5.09	0.10	-1.01	0.95	0.95	6.45	5.64	5.09	9.66	8.70	5.53	4.47	-1.91	-0.90	-1.03	-2.77	-2.77	-2.77
4.64	4.19	3.91	2.46	-1.48	0.98	0.98	2.60	0.45	3.98	-2.60	-2.73	-1.77	-18.44	-4.43	8.52	3.01	-1.24	-1.24	-1.24
2.11	0.12	1.64	1.16	2.20	5.48	6.09	5.72	4.96	4.54	0.81	-1.54	-2.92	-0.69	1.56	4.17	5.94	3.71	1.52	2.14
3.48	3.56	5.95	7.12	5.65	3.35	3.35	2.69	4.57	8.25	6.53	0.31	3.48	-0.00	3.79	3.57	5.34	3.71	1.52	2.14
10.29	6.98	6.20	3.74	1.47	-0.71	-0.71	-0.62	-6.29	-5.96	0.15	0.15	17.27	15.79	12.23	10.87	10.75	10.41	1.55	3.54
4.24	2.75	1.79	1.09	-0.69	-0.70	-0.70	1.18	1.36	0.21	1.68	1.35	1.70	4.03	3.54	15.45	23.97	20.41	2.56	35.74
3.44	4.49	1.92	2.13	0.35	0.93	0.93	2.35	0.67	0.54	-3.21	-3.12	-0.76	-0.41	-0.64	2.48	26.99	25.30	3.33	2.93
2.42	5.03	1.92	0.62	1.77	0.92	0.92	1.68	2.11	0.23	3.79	3.12	-0.62	-0.77	-15.83	7.13	-2.49	-0.90	0.23	2.33
4.24	6.23	5.30	3.30	1.90	0.16	0.16	-0.36	1.62	1.76	0.73	0.72	7.30	5.57	6.48	7.58	1.00	-3.30	1.00	6.04
0.78	3.36	6.01	8.27	-1.49	-0.18	-0.18	1.00	1.22	1.20	8.73	5.66	1.13	0.39	3.70	7.79	1.92	1.25	2.00	2.04
0.33	1.72	2.78	4.93	-1.72	-0.99	-0.99	-0.36	-0.75	5.17	3.68	4.08	0.14	54.57	26.37	35.30	5.31	4.64	4.00	4.66
6.94	1.18	9.53	5.53	1.99	0.27	0.27	8.31	0.93	3.25	4.67	4.93	1.98	39.17	50.49	17.30	1.26	1.76	1.73	-4.44
-0.00	0.40	1.64	3.27	3.04	2.94	1.35	0.03	1.56	-2.70	-1.06	-1.36	7.31	-3.23	0.77	3.10	10.29	1.07	1.27	6.99
-0.83	-0.66	4.64	4.29	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31
-0.33	0.66	1.00	2.68	-0.70	-0.71	-0.71	0.47	0.46	4.66	1.00	1.00	-4.54	-10.44	-16.47	-2.10	32.47	31.43	1.27	1.31

[illegible]

