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Land Survey Field Notes.

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31 M	M 174	M 171	M 161	M 147	M 142
M179 M181 ³²	M 169	M 160	M 146	M 142	M
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M 21	M 20	M 14	M 12	M	M
7	8	9	M26 M27 ¹⁰ M28	M27 M28 ¹¹	12
M 19	M 14	M 11	M 10	M	M
M 19	M 18	M 9	M 10	M	M
18	17	M26 ¹⁶	M26 ¹⁵	14	13
M 18	M 9	M 10	M	M	
M 17	M 16	M 8	M	M	M
19	20	M25 M26 ²¹	22	23	24
M 16	M 7	M	M	M	
M 15	M 5	M 7	M	M	M
30	M23 M24 ²⁹	M24 M25 ²⁸	27	26	25
M 5	M 6	M	M	M	
M 4	M 4	M	M	M	M
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M 3	M	M	M	M	M
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BOOK 649 PAGE M 33DIRECTION/MERIDIAN WSTOWNSHIP 157 RANGE 42

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M 12	M 11	M 61	M 55	M 48	M 41
7	8	9	10	11	12
M 10	M 61	M 55	M 47	M 40	M 40
M 70	M 69	M 60	M 54	M 46	M 40
18	17	16	15	14	13
M 68	M 60	M 53	M 45	M 39	M 38
M 68	M 67	M 59	M 51	M 45	M 38
19	20	21	22	23	24
M 67	M 59	M 52	M 44	M 38	M 37
M 66	M 65	M 58	M 52	M 44	M 37
30	29	28	27	26	25
M 65	M 58	M 50	M 43	M 37	M 36
M 64	M 63	M 57	M 50	M 42	M 36
31	32	33	34	35	36
M 63	M 57	M 49	M 42	M 35	M
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TOWNSHIP 158 RANGE 42

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M 57	M 55	M 44	M 32	M 21	M 12
7	8	9	10	11	12
M 54	M 43	M 31	M 20	M 11	
M 54	M 53	M 43	M 30	M 20	M 10
18	17	16	15	14	13
M 52	M 42	M 29	M 18	M 9	
M 51	M 51	M 41	M 28	M 17	M 8
19	20	21	22	23	24
M 50	M 40	M 26	M 16	M 7	
M 49	M 48	M 40	M 26	M 15	M 7
30	29	28	27	26	25
M 47	M 39	M 25	M 14	M 6	
M 47	M 46	M 38	M 24	M 13	M 5
31	32	33	34	35	36
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M	M	M	M	M	M 74
7	8	9	10	11	12
M	M	M	M	M 84	
M	M	M	M	M	M 74
18	17	16	15	14	13
M	M	M	M	M	
M	M	M	M	M	M 73
19	20	21	22	23	24
M	M	M	M	M	
M	M	M	M	M	M 71
30	29	28	27	26	25
M	M	M	M	M	
M	M	M	M	M	M 66
31	32	33	34	35	36
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6	5	4	3	2	1
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M 163	M 162	M 148	M 136	M 124	M 108
7	8	9	10	11	12
M 161	M 147	M 134	M 122	M 106	
M 160	M 159	M 146	M 133	M 121	M 106
18	17	16	15	14	13
M 158	M 145	M 132	M 119	M 104	
M 158	M 151	M 144	M 131	M 118	M 103
19	20	21	22	23	24
M 156	M 142	M 130	M 116	M 101	
M 155	M 154	M 141	M 129	M 115	M 100
30	29	28	27	26	25
M 153	M 140	M 128	M 114	M 98	
M 152	M 151	M 139	M 127	M 113	M 97
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M42	7 M 51	8 M 31	9 M 30	10 M 22	11 M 13	12
	M 50	M 49	M 31	M 29	M 21	M 12
M42	18 M 49	17 M 36	16 M 29	15 M 20	14 M 11	13
	M 48	M 48	M 36	M 28	M 19	M 10
M43	19 M 41	20 M 35	21 M 27	22 M 18	23 M 8	24
	M 41	M 46	M 34	M 26	M 18	M 8
M43	30 M 45	29 M 34	28 M 25	27 M 17	26 M 7	25
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M 227	M 227	M 214	M 204	M 193	M 183
7	8	9	10	11	12
M 225	M 213	M 203	M 192	M 176	
M 224	M 224	M 212	M 202	M 191	M 182
18	17	16	15	14	13
M 223	M 211	M 202	M 190	M 175	
M 222	M 221	M 210	M 201	M 189	M 181
19	20	21	22	23	24
M 220	M 209	M 200	M 188	M 174	
M 219	M 219	M 209	M 199	M 187	M 180
30	29	28	27	26	25
M 218	M 207	M 198	M 186	M 173	
M 217	M 216	M 207	M 197	M 185	M 179
31	32	33	34	35	36
M 215	M 206	M 195	M 184	M 172	
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M 111	M 110	M 98	M 90	M 78	M 68
7	8	9	10	11	12
M 109	M 97	M 88	M 77	M 67	
M 108	M 101	M 96	M 88	M 76	M 66
18	17	16	15	14	13
M 106	M 96	M 87	M 75	M 65	
M 106	M 105	M 95	M 86	M 74	M 64
19	20	21	22	23	24
M 104	M 94	M 85	M 73	M 63	
M 103	M 103	M 93	M 83	M 73	M 62
30	29	28	27	26	25
M 102	M 92	M 82	M 72	M 61	
M 101	M 100	M 92	M 81	M 71	M 61
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M 174	M 174	M 154	M 167	M 148	M 134
7	8	9	10	11	12
M 173	M 153	M 166	M 146	M 133	
M 172	M 172	M 153	M 166	M 145	M 131
18	17	16	15	14	13
M 171	M 162	M 165	M 144	M 130	
M 160	M 160	M 152	M 164	M 143	M 129
19	20	21	22	23	24
M 159	M 151	M 164	M 142	M 127	
M 158	M 158	M 170	M 163	M 141	M 126
30	29	28	27	26	25
M 157	M 169	M 162	M 139	M 124	
M 157	M 156	M 169	M 161	M 138	M 122
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M 31	M 31	M 24	M 18	M 13	M 7
7	8	9	10	11	12
M 30	M 23	M 18	M 12	M 7	
M 30	M 29	M 23	M 17	M 12	M 6
18	17	16	15	14	13
M 29	M 22	M 17	M 11	M 6	
M 28	M 28	M 22	M 16	M 11	M 5
19	20	21	22	23	24
M 27	M 21	M 16	M 10	M 5	
M 32	M 27	M 21	M 15	M 10	M 4
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M 26	M 20	M 15	M 9	M 4	
M 26	M 25	M 20	M 14	M 9	M 3
31	32	33	34	35	36
M 25	M 19	M 14	M 8	M 3	
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M 68	M 67	M 60	M 54	M 49	M 43
7	8	9	10	11	12
M 67	M 59	M 54	M 48	M 43	
M 66	M 66	M 59	M 53	M 48	M 42
18	17	16	15	14	13
M 65	M 58	M 53	M 47	M 42	
M 65	M 64	M 58	M 52	M 47	M 41
19	20	21	22	23	24
M 64	M 57	M 52	M 46	M 41	
M 63	M 63	M 57	M 51	M 46	M 40
30	29	28	27	26	25
M 62	M 56	M 51	M 45	M 40	
M 62	M 61	M 56	M 50	M 45	M 39
31	32	33	34	35	36
M 61	M 55	M 50	M 44	M 39	
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M/04	M/03	M 96	M 90	M 85	M 79
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M/03	M 95	M 90	M 84	M 79	
M/02	M/02	M 95	M 89	M 84	M 78
18	17	16	15	14	13
M/01	M 94	M 89	M 83	M 78	
M/01	M/00	M 94	M 88	M 83	M 77
19	20	21	22	23	24
M/00	M 93	M 88	M 82	M 77	
M 99	M 99	M 93	M 87	M 82	M 76
30	29	28	27	26	25
M 98	M 92	M 87	M 81	M 76	
M 98	M 97	M 92	M 86	M 81	M 75
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M 97	M 91	M 86	M 80	M 75	
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M 140	M 139	M 132	M 126	M 121	M 115
7	8	9	10	11	12
M 139	M 131	M 126	M 120	M 115	
M 138	M 138	M 131	M 125	M 120	M 114
18	17	16	15	14	13
M 137	M 130	M 125	M 119	M 114	
M 137	M 136	M 130	M 124	M 119	M 113
19	20	21	22	23	24
M 136	M 129	M 124	M 118	M 113	
M 135	M 135	M 129	M 123	M 118	M 112
30	29	28	27	26	25
M 134	M 128	M 123	M 117	M 112	
M 134	M 133	M 128	M 122	M 117	M 111
31	32	33	34	35	36
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7 M 18	8 M 18	9 M 14	10 M 10	11 M 7	12 M 4
18 M 17	17 M 17	16 M 13	15 M 10	14 M 7	13 M 4
19 M 16	20 M 16	21 M 13	22 M 9	23 M 6	24 M 3
30 M 16	29 M 15	28 M 12	27 M 9	26 M 6	25 M 3
31 M 15	32 M 12	33 M 9	34 M 6	35 M 3	36 M

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M 44	M 44	M 40	M 36	M 33	M 29
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M 44	M 44	M 39	M 36	M 33	M 29
M 44	M 43	M 39	M 36	M 33	M 28
M30	18	17	16	15	14
M 43	M 43	M 39	M 36	M 33	M 28
M 43	M 42	M 39	M 35	M 32	M 28
19	20	21	22	23	24
M 42	M 42	M 38	M 35	M 32	M 28
M 42	M 42	M 38	M 35	M 32	M 27
30	29	28	27	26	25
M 41	M 41	M 38	M 35	M 32	M 27
M 41	M 41	M 37	M 34	M 31	M 27
31	32	33	34	35	36
M 41	M 37	M 34	M 31	M 27	M
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7 M 66 M 66	8 M 62 M 65	9 M 58 M 61	10 M 55 M 58	11 M 52 M 54	12 M 51 M 51
18 M 65 M 65	17 M 61 M 64	16 M 58 M 61	15 M 54 M 57	14 M 51 M 54	13 M 51 M 51
19 M 64 M 64	20 M 61 M 64	21 M 57 M 60	22 M 54 M 57	23 M 51 M 53	24 M 50 M 50
30 M 63 M 63	29 M 60 M 63	28 M 57 M 60	27 M 53 M 56	26 M 50 M 53	25 M 50 M 50
31 M 63 M	32 M 60 M	33 M 56 M	34 M 53 M	35 M 50 M	36 M 50 M

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7 M 91 M 92	8 M 91 M 87	9 M 87 M 83	10 M 82 M 80	11 M 80 M 77	12 M 75
18 M 91 M 91	17 M 90 M 87	16 M 87 M 82	15 M 82 M 80	14 M 79 M 75	13 M 75
19 M 90 M 90	20 M 90 M 86	21 M 85 M 82	22 M 81.5 M 79	23 M 79 M 74	24 M 74
30 M 89 M 89	29 M 89 M 85	28 M 84 M 81.5	27 M 81.5 M 79	26 M 78 M 74	25 M 74
31 M 89 M	32 M 84 M	33 M 81.5 M	34 M 78 M	35 M 73 M	36 M

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7 M 32 M 33	8 M 32 M 24	9 M 23 M 17	10 M 17 M 12	11 M 11 M 6	12 M 6
18 M 30 M 31	17 M 30 M 23	16 M 22 M 16	15 M 16 M 11	14 M 10 M 5	13 M 5
19 M 29 M 29	20 M 29 M 22	21 M 22 M 15	22 M 15 M 16	23 M 9 M 4	24 M 4
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7 M 79 M 78	8 M 71 M 78	M81 M82 9 M 71	M81 10 M 66 M 65	11 M 54 M 59	12 M 54
18 M 77	17 M 70 M 76	16 M 70	15 M 64 M 64	14 M 59 M 58	M82 13 M 53 M 53
19 M 15	20 M 75	21 M 69	22 M 63 M 63	23 M 58 M 51	24 M 52 M 52
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M 122	M 121	M 113	M 107	M 102	M 96
7	8	9	10	11	12
M 121	M 112	M 107	M 101	M 96	
M 120	M 120	M 112	M 106	M 101	M 95
18	17	16	15	14	13
M 119	M 111	M 106	M 100	M 95	
M 119	M 118	M 111	M 105	M 100	M 93
19	20	21	22	23	24
M 118	M 110	M 105	M 99	M 93	
M 117	M 117	M 110	M 104	M 99	M 92
30	29	28	27	26	25
M 124	M 109	M 104	M 98	M 92	
M 116	M 109	M 103	M 98	M 91	
M 115	M 114	M 109	M 103	M 98	M 91
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M 124	M 125	M 124	M 123		
M 114	M 108	M 103	M 97	M 91	
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7	8	9	10	11	12
M 163	M 163	M 155	M 149	M 144	M 138
18	17	16	15	14	13
M 62	M 161	M 154	M 148	M 143	M 137
19	20	21	22	23	24
M 160	M 159	M 153	M 147	M 142	M 136
30	29	28	27	26	25
M 158	M 158	M 152	M 146	M 141	M 135
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7 M 43 M 43	8 M 36 M 43	9 M 32 M 36	10 M 27 M 31	11 M 23 M 27	12 M 22 M 22
18 M 42 M 42	17 M 36 M 41	16 M 31 M 35	15 M 26 M 30	14 M 22 M 26	13 M 22 M 22
19 M 41 M 40	20 M 35 M 46	21 M 30 M 34	22 M 26 M 29	23 M 25 M 25	24 M 21 M 21
30 M 39 M 39	29 M 34 M 39	28 M 29 M 34	27 M 25 M 29	26 M 20 M 24	25 M 26 M 26
31 M 38 M	32 M 33 M	33 M 28 M	34 M 24 M	35 M 20 M	36 M M

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TOWNSHIP 114 RANGE 43

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M 77	M 76	M 71	M 66	M 62	M 57
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M 75	M 75	M 70	M 65	M 61	M 56
18	17	16	15	14	13
M 75	M 75	M 69	M 64	M 60	M 55
19	20	21	22	23	24
M 74	M 74	M 69	M 64	M 60	M 55
M 74	M 74	M 69	M 63	M 59	M 54
30	29	28	27	26	25
M 73	M 68	M 63	M 59	M 54	M 53
M 72	M 72	M 68	M 63	M 59	M 53
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M 72	M 68	M 62	M 58	M 53	
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M 112	M 106	M 101	M 97	M 94	
M 112	M 111	M 105	M 101	M 97	M 93
7	8	9	10	11	12
M 111	M 105	M 101	M 97	M 93	
M 116	M 110	M 105	M 100	M 96	M 93
18	17	16	15	14	13
M 110	M 104	M 100	M 96	M 92	
M 109	M 109	M 104	M 100	M 96	M 92
19	20	21	22	23	24
M 109	M 103	M 99	M 95	M 92	
M 108	M 108	M 103	M 99	M 95	M 91
30	29	28	27	26	25
M 107	M 103	M 99	M 95	M 91	
M 107	M 106	M 102	M 98	M 94	M 90
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M 106	M 102	M 98	M 94	M 90	
M	M	M	M	M	M

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M 151	M 150	M 143	M 137	M 132	M 126
7	8	9	10	11	12
M 149	M 149	M 142	M 137	M 131	M 126
M 149	M 149	M 142	M 136	M 131	M 125
18	17	16	15	14	13
M 148	M 141	M 136	M 130	M 125	
M 148	M 147	M 141	M 135	M 130	M 124
19	20	21	22	23	24
M 147	M 140	M 135	M 129	M 124	
M 146	M 146	M 140	M 134	M 129	M 123
30	29	28	27	26	25
M 145	M 139	M 134	M 128	M 123	
M 145	M 144	M 139	M 133	M 128	M 122
31	32	33	34	35	36
M 144	M 138	M 133	M 127	M 122	
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7 M 32 M 32	8 M 25 M 31	9 M 19 M 24	10 M 13 M 19	11 M 8 M 13	12 M 7
18 M 31 M 30	17 M 24 M 30	16 M 18 M 23	15 M 12 M 17	14 M 7 M 12	13 M 6
19 M 29 M 29	20 M 23 M 28	21 M 17 M 22	22 M 11 M 16	23 M 6 M 11	24 M 5
30 M 28 M 27	29 M 22 M 27	28 M 16 M 21	27 M 10 M 15	26 M 5 M 10	25 M 4
31 M 20 M	32 M 21 M	33 M 15 M	34 M 9 M	35 M 3 M	36 M

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M 71	M 70	M 63	M 51	M 52	M 46
7	8	9	10	11	12
M 70	M 62	M 51	M 51	M 46	
M 69	M 69	M 62	M 56	M 51	M 45
18	17	16	15	14	13
M 68	M 61	M 56	M 50	M 45	
M 68	M 67	M 61	M 55	M 50	M 44
19	20	21	22	23	24
M 67	M 60	M 55	M 49	M 44	
M 66	M 66	M 60	M 54	M 49	M 43
30	29	28	27	26	25
M 65	M 59	M 54	M 48	M 43	
M 65	M 64	M 59	M 53	M 48	M 42
31	32	33	34	35	36
M 64	M 58	M 53	M 47	M 42	
M	M	M	M	M	M

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M 76	M 75	M 66	M 59	M 46	M 47	
30	29	28	M88 ²⁷	M88 M89 ²⁶	M90 M91 ²⁵	
M 74	M 66	M 59	M 45	M 45	M 46	
M 74	M 73	M 65	M 44	M 45	M	
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M 73	M 64	M 43	M	M	M	
M	M	M	M	M	M	

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TOWNSHIP 153 RANGE 43

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M	M	M	M	M	M
7 M	8 M	9 M	10 M	11 M5	12 M5
M	M	M	M	M	M
18 M	17 M	16 M	15 M	14 M	13 M
M	M	M	M	M	M
19 M	20 M	21 M	22 M	23 M	24 M
M	M	M	M	M	M
30 M	29 M	28 M	27 M	26 M	25 M
M	M	M	M	M	M
31 M	32 M	33 M	34 M	35 M	36 M
M	M	M	M	M	M

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 DIRECTION/MERIDIAN W5
 TOWNSHIP 15.4 RANGE 43

6 M	5 M	4 M60 M61 M57	3 M58 M59 M42 M60	2 M29	1 M28
M	M	M56	M55	M41	M
7 M	8 M	9 M61 M61.5 M54 M62	10 M41	11 M27	12 M26
M	M	M53	M53	M40	M
18 M	17 M	16 M62 M63 M51	15 M63 M39	14 M25	13 M25
M	M	M49	M48	M38	M
19 M	20 M	21 M63 M64 M45	22 M64 M65 M37	23 M24	24 M22
M	M	M	M43	M36	M
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M	M	M	M33	M32	M
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DIRECTION/MERIDIAN WS

TOWNSHIP 155 RANGE 43

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M	M	M	M	M	M
7 M	8 M	9 M	10 M	11 M	12 M98 M99
M	M	M	M	M	M85
18 M	17 M	16 M	15 M	14 M	13 M97 M98
M	M	M	M	M	M84
19 M	20 M	21 M	22 M	23 M	24 M95 M96 M97
M	M	M	M	M	M81
30 M	29 M	28 M	27 M	26 M93 M94 M95	25 M95 M96
M	M	M	M	M89	M79
31 M	32 M	33 M	34 M92 M93	35 M93 M94	36 M
M	M	M	M87	M77	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 156 RANGE 43

6	5	4	3	2	1
M 36	M 27	M 21	M 15	M 9	
M 35	M 35	M 27	M 21	M 15	M 9
7	8	9	10	11	12
M 34	M 26	M 20	M 14	M 8	
M 34	M 33	M 26	M 20	M 14	M 8
18	17	16	15	14	13
M 33	M 25	M 19	M 13	M 7	
M 32	M 32	M 25	M 19	M 13	M 7
19	20	21	22	23	24
M 31	M 24	M 18	M 12	M 6	
M 31	M 30	M 24	M 18	M 12	M 6
30	29	28	27	26	25
M 30	M 23	M 17	M 11	M 5	
M 29	M 29	M 23	M 17	M 11	M 5
31	32	33	34	35	36
M 28	M 22	M 16	M 10	M 4	
M	M	M	M	M	M

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DIRECTION/MERIDIAN W5

TOWNSHIP 157 RANGE 43

6	5	4	3	2	1
M 71	M 63	M 57	M 52	M 46	
M 70	M 70	M 62	M 57	M 51	M 46
7	8	9	10	11	12
M 69	M 62	M 56	M 51	M 45	
M 69	M 68	M 61	M 56	M 50	M 45
18	17	16	15	14	13
M 68	M 61	M 55	M 50	M 44	
M 67	M 67	M 60	M 55	M 49	M 44
19	20	21	22	23	24
M 66	M 60	M 54	M 49	M 43	
M 66	M 65	M 59	M 54	M 48	M 43
30	29	28	27	26	25
M 65	M 59	M 53	M 48	M 42	
M 64	M 64	M 58	M 53	M 47	M 42
31	32	33	34	35	36
M 63	M 58	M 52	M 47	M 41	
M	M	M	M	M	M

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DIRECTION/MERIDIAN W5

TOWNSHIP 158 RANGE 43

6	5	4	3	2	1
M 108	M 100	M 94	M 89	M 83	
M 108	M 107	M 99	M 94	M 88	M 83
7	8	9	10	11	12
M 101	M 99	M 93	M 88	M 82	
M 106	M 106	M 98	M 93	M 81	M 82
18	17	16	15	14	13
M 105	M 98	M 92	M 81	M 81	
M 104	M 104	M 91	M 92	M 86	M 81
19	20	21	22	23	24
M 103	M 91	M 91	M 86	M 80	
M 103	M 102	M 96	M 91	M 85	M 80
30	29	28	27	26	25
M 102	M 96	M 90	M 85	M 79	
M 101	M 101	M 95	M 90	M 84	M 79
31	32	33	34	35	36
M 100	M 95	M 89	M 84	M 78	
M	M	M	M	M	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 159 RANGE 43

6	5	4	3	2	1
M 146	M 138	M 132	M 127	M 121	
M 145	M 145	M 137	M 132	M 126	M 121
7	8	9	10	11	12
M 144	M 137	M 131	M 126	M 120	
M 144	M 143	M 136	M 131	M 125	M 120
18	17	16	15	14	13
M 143	M 136	M 130	M 125	M 119	
M 142	M 142	M 135	M 130	M 124	M 119
19	20	21	22	23	24
M 141	M 135	M 129	M 124	M 118	
M 141	M 140	M 134	M 129	M 123	M 118
30	29	28	27	26	25
M 140	M 134	M 128	M 123	M 117	
M 139	M 139	M 133	M 128	M 122	M 117
31	32	33	34	35	36
M 138	M 133	M 127	M 122	M 116	
M	M	M	M	M	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 140 RANGE 43

6	5	4	3	2	1
M 34	M 26	M 20	M 15	M 9	
M 33	M 33	M 25	M 20	M 14	M 9
7	8	9	10	11	12
M 32	M 25	M 19	M 14	M 8	
M 32	M 31	M 24	M 19	M 13	M 8
18	17	16	15	14	13
M 31	M 24	M 18	M 13	M 7	
M 30	M 30	M 23	M 18	M 12	M 7
19	20	21	22	23	24
M 29	M 23	M 17	M 12	M 6	
M 29	M 28	M 22	M 17	M 11	M 6
30	29	28	27	26	25
M 28	M 22	M 16	M 11	M 5	
M 27	M 27	M 21	M 16	M 10	M 5
31	32	33	34	35	36
M 26	M 21	M 15	M 10	M 4	
M	M	M	M	M	M

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DIRECTION/MERIDIAN W5

TOWNSHIP 161 RANGE 43

6	5	4	3	2	1
M 71	M 63	M 51	M 52	M 46	
M 70	M 70	M 62	M 51	M 51	M 46
7	8	9	10	11	12
M 69	M 62	M 56	M 51	M 45	
M 69	M 68	M 61	M 56	M 50	M 45
18	17	16	15	14	13
M 68	M 61	M 55	M 50	M 44	
M 67	M 67	M 60	M 55	M 49	M 44
19	20	21	22	23	24
M 66	M 60	M 54	M 49	M 43	
M 66	M 65	M 59	M 54	M 48	M 43
30	29	28	27	26	25
M 65	M 59	M 53	M 48	M 42	
M 64	M 64	M 58	M 53	M 47	M 42
31	32	33	34	35	36
M 63	M 58	M 52	M 47	M 41	
M	M	M	M	M	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 162 RANGE 43

6	5	4	3	2	1
M 108	M 100	M 94	M 89	M 83	
M 107	M 107	M 99	M 94	M 88	M 83
7	8	9	10	11	12
M 106	M 99	M 93	M 88	M 82	
M 106	M 105	M 98	M 93	M 87	M 82
18	17	16	15	14	13
M 105	M 98	M 92	M 87	M 81	
M 104	M 104	M 97	M 92	M 86	M 81
19	20	21	22	23	24
M 103	M 97	M 91	M 86	M 80	
M 103	M 102	M 96	M 91	M 85	M 80
30	29	28	27	26	25
M 102	M 96	M 90	M 85	M 79	
M 101	M 101	M 95	M 90	M 84	M 79
31	32	33	34	35	36
M 100	M 95	M 89	M 84	M 78	
M	M	M	M	M	M

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TOWNSHIP 163 RANGE 43

6	5	4	3	2	1
M 67	M 55	M 47	M 38	M 28	
M 66	M 66	M 54	M 46	M 37	M 27
7	8	9	10	11	12
M 64	M 63	M 53	M 45	M 36	M 26
M 64	M 63	M 53	M 44	M 35	M 24
18	17	16	15	14	13
M 62	M 52	M 43	M 34	M 23	
M 61	M 60	M 51	M 43	M 34	M 21
19	20	21	22	23	24
M 59	M 50	M 42	M 32	M 20	
M 58	M 57	M 49	M 41	M 31	M 18
30	29	28	27	26	25
M 56	M 48	M 40	M 36	M 17	
M 10	M 9	M 8	M 7	M 6	M 4
31	32	33	34	35	36
M 16	M 15	M 13	M 12	M 5	
M	M	M	M	M	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 164 RANGE 43

6	5	4	3	2	1
M	M	M	M	M	
M	M	M	M	M	M
7	8	9	10	11	12
M	M	M	M	M	
M	M	M	M	M	M
18	17	16	15	14	13
M	M	M	M	M	
M	M	M	M	M	M
19	20	21	22	23	24
M	M	M	M	M	
M	M	M	M	M	M
30	29	28	27	26	25
M 91	M 90	M 87	M 83	M 86	M 77
M 91	M 89	M 86	M 82	M 79	M 77
31	32	33	34	35	36
M 88	M 84	M 81	M 78	M 76	
M	M	M	M	M	M

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6	5	4	3	2	1
M 35	M 27	M 21	M 15	M 9	
M 34	M 34	M 26	M 20	M 15	M 8
7	8	9	10	11	12
M 33	M 32	M 25	M 20	M 14	M 7
M 33	M 32	M 25	M 19	M 14	M 7
18	17	16	15	14	13
M 32	M 24	M 19	M 13	M 6	
M 31	M 31	M 24	M 18	M 13	M 6
19	20	21	22	23	24
M 30	M 23	M 18	M 12	M 5	
M 30	M 29	M 23	M 17	M 12	M 5
30	29	28	27	26	25
M 29	M 22	M 17	M 11	M 4	
M 28	M 28	M 22	M 16	M 10	M 3
31	32	33	34	35	36
M 27	M 21	M 16	M 9	M 3	
M	M	M	M	M	M

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6	5	4	3	2	1
M 74	M 65	M 60	M 54	M 49	
M 73	M 73	M 65	M 59	M 54	M 48
7	8	9	10	11	12
M 72	M 64	M 59	M 53	M 48	
M 72	M 71	M 64	M 58	M 53	M 47
18	17	16	15	14	13
M 71	M 63	M 58	M 52	M 47	
M 70	M 70	M 63	M 57	M 52	M 46
19	20	21	22	23	24
M 69	M 62	M 57	M 51	M 46	
M 69	M 68	M 62	M 56	M 51	M 45
30	29	28	27	26	25
M 68	M 61	M 56	M 50	M 45	
M 67	M 66	M 61	M 55	M 50	M 44
31	32	33	34	35	36
M 66	M 60	M 55	M 49	M 44	
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M 113	M 112	M 102	M 96	M 91	M 85
7	8	9	10	11	12
M 111	M 101	M 96	M 90	M 85	
M 110	M 110	M 101	M 95	M 90	M 84
18	17	16	15	14	13
M 109	M 100	M 95	M 89	M 84	
M 108	M 108	M 100	M 94	M 89	M 83
19	20	21	22	23	24
M 107	M 99	M 94	M 88	M 83	
M 106	M 106	M 99	M 93	M 88	M 82
30	29	28	27	26	25
M 105	M 98	M 93	M 87	M 82	
M 104	M 103	M 98	M 92	M 87	M 81
31	32	33	34	35	36
M 103	M 97	M 92	M 86	M 81	
M	M	M	M	M	M

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6	5	4	3	2	1
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M 150	M 149	M 142	M 135	M 130	M 124
7	8	9	10	11	12
M 149	M 141	M 135	M 129	M 124	
M 148	M 148	M 141	M 134	M 129	M 123
18	17	16	15	14	13
M 147	M 140	M 134	M 128	M 123	
M 147	M 146	M 139	M 133	M 128	M 122
19	20	21	22	23	24
M 146	M 139	M 133	M 127	M 122	
M 145	M 145	M 138	M 132	M 127	M 121
30	29	28	27	26	25
M 144	M 138	M 132	M 126	M 121	
M 144	M 143	M 137	M 131	M 126	M 120
31	32	33	34	35	36
M 143	M 136	M 131	M 125	M 120	
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DIRECTION/MERIDIAN W5

TOWNSHIP 105 RANGE 44

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7 M 13 M 13	8 M 10 M 13	9 M 8 M 10	10 M 6 M 8	11 M 4 M 6	12 M 4
18 M 13 M 12	17 M 10 M 12	16 M 8 M 10	15 M 6 M 7	14 M 4 M 5	13 M 3
19 M 12 M 12	20 M 10 M 12	21 M 7 M 9	22 M 5 M 7	23 M 3 M 5	24 M 3
30 M 12 M 11	29 M 9 M 11	28 M 7 M 9	27 M 5 M 7	26 M 3 M 5	25 M 3
31 M 11 M	32 M 9 M	33 M 7 M	34 M 5 M	35 M 3 M	36 M

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DIRECTION/MERIDIAN WS

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M 36	M 35	M 31	M 28	M 25	M 22
7	8	9	10	11	12
M 35	M 35	M 31	M 28	M 25	M 22
M 35	M 35	M 31	M 28	M 25	M 22
18	17	16	15	14	13
M 34	M 34	M 30	M 27	M 24	M 21
M 34	M 34	M 30	M 27	M 24	M 21
19	20	21	22	23	24
M 33	M 33	M 30	M 27	M 24	M 21
M 33	M 33	M 30	M 27	M 24	M 21
30	29	28	27	26	25
M 33	M 32	M 29	M 26	M 23	M 20
M 33	M 32	M 29	M 26	M 23	M 20
31	32	33	34	35	36
M 32	M 29	M 26	M 23	M 20	
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TOWNSHIP 107 RANGE 44

6 M 58 M 57	5 M 54 M 57	4 M 51 M 53	3 M 48 M 50	2 M 45 M 48	1 M 45
7 M 57 M 57	8 M 53 M 56	9 M 50 M 53	10 M 47 M 50	11 M 49 M 47	12 M 44
18 M 56 M 56	17 M 53 M 56	16 M 50 M 52	15 M 47 M 49	14 M 44 M 47	13 M 44
19 M 55 M 55	20 M 52 M 55	21 M 49 M 52	22 M 46 M 49	23 M 44 M 46	24 M 43
30 M 54 M 54	29 M 52 M 54	28 M 49 M 51	27 M 46 M 48	26 M 43 M 46	25 M 43
31 M 54 M	32 M 51 M	33 M 48 M	34 M 45 M	35 M 43 M	36 M

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DIRECTION/MERIDIAN WS

TOWNSHIP 108 RANGE 44

6	5	4	3	2	1
M 80	M 76	M 73	M 70	M 67	
M 80	M 80	M 76	M 73	M 70	M 67
7	8	9	10	11	12
M 79	M 76	M 72	M 70	M 67	
M 79	M 79	M 75	M 72	M 69	M 67
18	17	16	15	14	13
M 79	M 75	M 72	M 69	M 66	
M 78	M 78	M 75	M 72	M 69	M 66
19	20	21	22	23	24
M 78	M 75	M 71	M 69	M 66	
M 78	M 77	M 74	M 71	M 68	M 66
30	29	28	27	26	25
M 77	M 74	M 71	M 68	M 66	
M 77	M 77	M 74	M 71	M 68	M 65
31	32	33	34	35	36
M 76	M 74	M 70	M 68	M 65	
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19 M30 M29	20 M23 M29	21 M17 M22	22 M12 M17	23 M6 M11	24 M41 M42 M6
30 M28 M28	29 M22 M27	28 M16 M21	27 M11 M15	26 M5 M10	25 M5
31 M27	32 M21	33 M16	34 M10	35 M4	36 M
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7 M86 M79 M79	8 M72 M78	9 M66 M71	10 M61 M66	11 M83 M55 M60	12 M83 M55
18 M86 M78 M77	17 M71 M77	16 M65 M70	15 M60 M65	14 M54 M59	13 M54
19 M86 M76 M76	20 M86 M70 M75	21 M64 M69	22 M59 M64	23 M53 M58	24 M53
30 M84 M87 M75 M74	29 M84 M85 M69 M74	28 M63 M68	27 M58 M63	26 M52 M51	25 M52
31 M84 M87 M73 M	32 M84 M87 M68 M	33 M85 M87 M62 M	34 M85 M57 M	35 M85 M51 M	36 M85 M

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DIRECTION/MERIDIAN WS

TOWNSHIP III RANGE 44

6 M129 M130	5 M129 M125	4 M111	3 M106	2 M100	1 M129
M124	M124	M116	M111	M105	M100
7 M130	8 M123	9 M116	10 M105	11 M99	12 M129
M123	M122	M115	M110	M104	M99
18	17	16	15	14	13
M122	M115	M109	M104	M98	
M121	M121	M114	M109	M103	M98
19	20	21	22	23	24
M125	M120	M114	M108	M103	M97
M120	M119	M113	M108	M102	M97
M128 30	M128 29	M127	M107	M102	M96
M125	M125	M127	M107	M102	M96
M126	M126	M113	M107	M101	M95
M118	M118	M112	M107	M101	M95
31	32	33	34	35	36
M128	M127	M127	M126	M126	M126
M117	M128	M112	M106	M101	M96
M	M	M	M	M	M

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6	5	4	3	2	1
M 169	M 161	M 155	M 150	M 144	
M 168	M 168	M 160	M 155	M 149	M 144
7	8	9	10	11	12
M 171	M 167	M 160	M 154	M 149	M 143
M 167	M 166	M 159	M 154	M 148	M 143
18	17	16	15	14	13
M 171	M 166	M 159	M 153	M 148	M 142
M 165	M 165	M 158	M 153	M 147	M 142
19	20	21	22	23	24
M 164	M 164	M 158	M 152	M 147	M 141
M 164	M 163	M 157	M 152	M 146	M 141
30	29	28	27	26	25
M 170	M 163	M 157	M 151	M 146	M 140
M 162	M 162	M 156	M 151	M 145	M 140
31	32	33	34	35	36
M 170	M 161	M 156	M 150	M 145	M 139
M	M	M	M	M	M

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DIRECTION/MERIDIAN WS

TOWNSHIP 113 RANGE 44

6	5	4	3	2	1
M 37	M 37	M 29	M 24	M 18	M 13
M 37	M 36	M 29	M 23	M 18	M 12
7	8	9	10	11	12
M 36	M 28	M 23	M 17	M 12	
M 35	M 35	M 28	M 22	M 17	M 11
18	17	16	15	14	13
M 34	M 27	M 22	M 16	M 11	
M 34	M 33	M 21	M 21	M 16	M 10
19	20	21	22	23	24
M 33	M 26	M 21	M 15	M 10	
M 32	M 32	M 24	M 20	M 15	M 9
30	29	28	27	26	25
M 31	M 25	M 20	M 14	M 9	
M 31	M 30	M 25	M 19	M 14	M 8
31	32	33	34	35	36
M 30	M 24	M 19	M 13	M 8	
M	M	M	M	M	M

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TOWNSHIP 114 RANGE 44

6	5	4	3	2	1
M 73	M 65	M 60	M 54	M 49	
M 73	M 72	M 65	M 59	M 54	M 48
7	8	9	10	11	12
M 72	M 64	M 59	M 53	M 48	
M 71	M 71	M 64	M 58	M 53	M 47
18	17	16	15	14	13
M 70	M 63	M 58	M 52	M 47	
M 70	M 69	M 63	M 57	M 52	M 46
19	20	21	22	23	24
M 69	M 62	M 57	M 51	M 46	
M 68	M 68	M 62	M 56	M 51	M 45
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M 119	M 113	M 108	M 102	M 95	
M 119	M 118	M 113	M 107	M 102	M 94
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M 31	M 23	M 18	M 12	M 7	
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M 29	M 22	M 17	M 11	M 6	
M 29	M 28	M 22	M 16	M 11	M 5
19	20	21	22	23	24
M 28	M 21	M 16	M 10	M 5	
M 27	M 27	M 21	M 15	M 10	M 4
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M 67	M 60	M 55	M 49	M 44	
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M 106	M 106	M 99	M 93	M 87	M 82
M 106	M 105	M 98	M 93	M 87	M 81
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M 105	M 98	M 92	M 86	M 81	
M 104	M 104	M 97	M 92	M 86	M 80
19	20	21	22	23	24
M 103	M 97	M 91	M 85	M 80	
M 103	M 102	M 96	M 90	M 85	M 79
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M 102	M 96	M 90	M 84	M 79	
M 101	M 101	M 95	M 89	M 84	M 78
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M 32	M 32	M 24	M 19	M 13	M 8
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M 31	M 30	M 23	M 18	M 12	M 7
19	20	21	22	23	24
M 30	M 22	M 17	M 12	M 6	
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M 27	M 21	M 14	M 11	M 5	
M 27	M 26	M 21	M 16	M 10	M 5
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M 69	M 69	M 61	M 56	M 50	M 45
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M 68	M 61	M 55	M 50	M 44	
M 68	M 67	M 60	M 55	M 49	M 44
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M 67	M 60	M 54	M 49	M 43	
M 66	M 66	M 59	M 54	M 48	M 43
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M 65	M 59	M 53	M 48	M 42	
M 65	M 64	M 58	M 53	M 47	M 42
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M 160	M 153	M 147	M 142	M 136	
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M 158	M 158	M 151	M 146	M 140	M 135
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M 157	M 151	M 145	M 140	M 134	
M 157	M 156	M 150	M 145	M 139	M 134
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M 156	M 150	M 144	M 139	M 133	
M 155	M 155	M 149	M 144	M 138	M 133
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M 33	M 25	M 20	M 14	M 9	
M 32	M 32	M 25	M 19	M 14	M 8
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19	20	21	22	23	24
M 30	M 23	M 18	M 12	M 7	
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M 28	M 22	M 17	M 11	M 6	
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M 72	M 65	M 59	M 53	M 48	
M 71	M 71	M 64	M 58	M 53	M 47
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M 70	M 63	M 58	M 52	M 47	
M 70	M 69	M 63	M 57	M 52	M 46
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M 69	M 62	M 57	M 51	M 46	
M 68	M 68	M 62	M 56	M 51	M 45
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M 67	M 61	M 56	M 50	M 45	
M 67	M 66	M 61	M 55	M 50	M 44
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M 109	M 101	M 96	M 90	M 85	
M 108	M 108	M 101	M 95	M 90	M 84
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M 107	M 100	M 95	M 89	M 84	
M 107	M 106	M 100	M 94	M 81	M 83
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M 106	M 99	M 94	M 88	M 83	
M 105	M 105	M 99	M 93	M 88	M 82
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M 104	M 98	M 93	M 87	M 82	
M 104	M 103	M 98	M 92	M 87	M 81
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M 69	M 69	M 61	M 56	M 50	M 46
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M 68	M 67	M 60	M 55	M 50	M 45
18	17	16	15	14	13
M 67	M 60	M 54	M 49	M 44	
M 66	M 66	M 59	M 54	M 48	M 44
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M 65	M 64	M 58	M 53	M 48	M 43
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M 106	M 105	M 98	M 92	M 87	M 81
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M 105	M 97	M 92	M 86	M 81	
M 104	M 104	M 97	M 91	M 86	M 80
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M 103	M 96	M 91	M 85	M 80	
M 103	M 102	M 96	M 90	M 85	M 79
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M 101	M 101	M 95	M 89	M 84	M 78
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M 100	M 99	M 94	M 88	M 83	M 77
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M 140	M 133	M 127	M 122	M 116	
M 140	M 139	M 132	M 127	M 121	M 116
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M 139	M 132	M 126	M 121	M 115	
M 138	M 138	M 131	M 126	M 120	M 115
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M 137	M 131	M 125	M 120	M 114	
M 137	M 136	M 130	M 125	M 119	M 114
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6 M 34 M 33	5 M 26 M 33	4 M 20 M 25	3 M 15 M 20	2 M 9 M 14	1 M 9
7 M 32 M 32	8 M 31 M 31	9 M 25 M 24	10 M 19 M 19	11 M 14 M 13	12 M 8 M 8
18 M 31 M 30	17 M 24 M 30	16 M 18 M 23	15 M 13 M 18	14 M 7 M 12	13 M 7
19 M 29 M 29	20 M 23 M 28	21 M 17 M 22	22 M 12 M 17	23 M 6 M 11	24 M 6
30 M 28 M 27	29 M 22 M 27	28 M 16 M 21	27 M 11 M 16	26 M 5 M 10	25 M 5
31 M 26 M	32 M 21 M	33 M 15 M	34 M 10 M	35 M 4 M	36 M

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TOWNSHIP 161 RANGE 44

6 M 71 M 70	5 M 63 M 70	4 M 51 M 62	3 M 52 M 51	2 M 46 M 51	1 M 46
7 M 69 M 69	8 M 62 M 68	9 M 56 M 61	10 M 51 M 56	11 M 45 M 50	12 M 45
18 M 68 M 67	17 M 61 M 67	16 M 55 M 60	15 M 50 M 55	14 M 44 M 49	13 M 44
19 M 66 M 66	20 M 60 M 65	21 M 54 M 59	22 M 49 M 54	23 M 43 M 48	24 M 43
30 M 65 M 64	29 M 59 M 64	28 M 53 M 58	27 M 48 M 53	26 M 42 M 47	25 M 42
31 M 63 M	32 M 58 M	33 M 52 M	34 M 47 M	35 M 41 M	36 M

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6 M 108 M 108	5 M 108 M 107	4 M 100 M 99	3 M 94 M 94	2 M 89 M 88	1 M 83 M 83
7 M 106 M 106	8 M 107 M 106	9 M 99 M 98	10 M 93 M 93	11 M 88 M 87	12 M 82 M 82
18 M 105 M 105	17 M 105 M 104	16 M 98 M 97	15 M 92 M 92	14 M 87 M 86	13 M 81 M 81
19 M 104 M 103	20 M 104 M 102	21 M 97 M 96	22 M 91 M 91	23 M 86 M 85	24 M 86 M 80
30 M 102 M 101	29 M 102 M 101	28 M 96 M 95	27 M 90 M 90	26 M 85 M 84	25 M 79 M 79
31 M 100 M	32 M 100 M	33 M 95 M	34 M 89 M	35 M 84 M	36 M 78 M

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RANGE 44

5	4	3	2	1	1
M 58	M 50	M 41	M 33		
M 68	M 51	M 49	M 40	M 32	M
8	9	10	11	12	12
M 56	M 48	M 40	M 31		
M 65	M 55	M 47	M 39	M 30	M
17	16	15	14	13	13
M 54	M 46	M 38	M 29		
M 62	M 54	M 45	M 37	M 28	M
20	21	22	23	24	24
M 53	M 44	M 36	M 27		
M 60	M 52	M 43	M 35	M 26	M
29	28	27	26	25	25
M 51	M 42	M 34	M 25		
M 19	M 18	M 17	M 16	M 14	M 77
32	33	34	35	36	36
M 22	M 23	M 24	M 13		
M 10	M 9	M 8	M 7	M 5	

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RANGE

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5	4	3	2	1	1
M 25	M 19	M 14	M 8		2
M 32	M 24	M 19	M 13	M 8	M 41
8	9	10	11	12	12
M 24	M 18	M 13	M 7		1
M 30	M 23	M 18	M 12	M 7	M 40
17	16	15	14	13	13
M 23	M 17	M 12	M 6		0
M 29	M 22	M 17	M 11	M 6	M 39
20	21	22	23	24	24
M 22	M 16	M 11	M 5		1
M 21	M 21	M 16	M 10	M 5	M 38
29	28	27	26	25	25
M 21	M 15	M 10	M 4		3
M 26	M 20	M 15	M 9	M 3	M 37
32	33	34	35	36	36
M 20	M 14	M 9	M 3		1
M	M	M	M	M	M

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6	5	4	3	2	1
M 115	M 103	M 97	M 92	M 84	
M 114	M 113	M 103	M 97	M 91	M 83
7	8	9	10	11	12
M 112	M 102	M 96	M 91	M 82	
M 111	M 111	M 101	M 96	M 90	M 81
18	17	16	15	14	13
M 106	M 101	M 95	M 90	M 81	
M 109	M 109	M 100	M 95	M 89	M 80
19	20	21	22	23	24
M 108	M 100	M 94	M 88	M 79	
M 107	M 107	M 99	M 94	M 87	M 78
30	29	28	27	26	25
M 106	M 99	M 93	M 86	M 77	
M 105	M 105	M 98	M 93	M 85	M 76
31	32	33	34	35	36
M 104	M 98	M 92	M 84	M 75	M 73
M	M	M	M	M	M 74

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TOWNSHIP 104 RANGE 45

6	5	4	3	2	1
M 159	M 149	M 143	M 136	M 128	
M 158	M 158	M 149	M 142	M 135	M 127
7	8	9	10	11	12
M 157	M 148	M 142	M 135	M 126	
M 156	M 156	M 148	M 141	M 134	M 125
18	17	16	15	14	13
M 155	M 147	M 140	M 133	M 125	
M 154	M 154	M 147	M 140	M 132	M 124
19	20	21	22	23	24
M 153	M 146	M 139	M 132	M 123	
M 153	M 152	M 145	M 138	M 131	M 122
30	29	28	27	26	25
M 152	M 145	M 138	M 130	M 122	
M 151	M 150	M 144	M 137	M 130	M 121
31	32	33	34	35	36
M 150	M 144	M 137	M 129	M 120	M 119
M	M	M	M	M	M 120

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TOWNSHIP 105 RANGE 45

6	5	4	3	2	1
M 18	M 14	M 11	M 8	M 5	
M 18	M 18	M 14	M 11	M 8	M 5
7	8	9	10	11	12
M 17	M 14	M 11	M 8	M 5	
M 18	M 17	M 13	M 10	M 7	M 4
18	17	16	15	14	13
M 17	M 13	M 10	M 7	M 4	
M 17	M 16	M 13	M 10	M 7	M 4
19	20	21	22	23	24
M 16	M 13	M 10	M 7	M 4	
M 16	M 16	M 12	M 9	M 6	M 3
30	29	28	27	26	25
M 15	M 12	M 9	M 6	M 3	
M 15	M 15	M 12	M 9	M 6	M 3
31	32	33	34	35	36
M 15	M 12	M 9	M 6	M 3	
M	M	M	M	M	M

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TOWNSHIP 106 RANGE 45

6	5	4	3	2	1
M 58	M 50	M 45	M 39	M 34	
M 58	M 51	M 50	M 44	M 39	M 33
7	8	9	10	11	12
M 51	M 49	M 44	M 38	M 33	
M 56	M 56	M 49	M 43	M 38	M 32
18	17	16	15	14	13
M 55	M 48	M 43	M 37	M 32	
M 54	M 54	M 48	M 42	M 37	M 31
19	20	21	22	23	24
M 54	M 47	M 42	M 36	M 31	
M 53	M 53	M 47	M 41	M 36	M 30
30	29	28	27	26	25
M 52	M 46	M 41	M 35	M 30	
M 52	M 51	M 46	M 40	M 35	M 29
31	32	33	34	35	36
M 51	M 45	M 40	M 34	M 29	
M	M	M	M	M	M

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RANGE

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6	5	4	3	2	1
M 94	M 94	M 86	M 81	M 75	M 70
M 94	M 93	M 86	M 80	M 75	M 69
7	8	9	10	11	12
M 92	M 93	M 85	M 80	M 74	M 69
M 92	M 92	M 85	M 79	M 74	M 68
18	17	16	15	14	13
M 91	M 91	M 84	M 79	M 73	M 68
M 91	M 90	M 84	M 78	M 73	M 67
19	20	21	22	23	24
M 90	M 90	M 83	M 78	M 72	M 67
M 89	M 89	M 83	M 77	M 72	M 66
30	29	28	27	26	25
M 88	M 88	M 82	M 77	M 71	M 66
M 88	M 87	M 82	M 76	M 71	M 65
31	32	33	34	35	36
M 87	M 87	M 81	M 76	M 70	M 65
M	M	M	M	M	M

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6	5	4	3	2	1
M 131	M 123	M 117	M 112	M 106	
M 130	M 130	M 122	M 117	M 111	M 106
7	8	9	10	11	12
M 129	M 122	M 116	M 111	M 105	
M 129	M 128	M 121	M 116	M 110	M 105
18	17	16	15	14	13
M 128	M 121	M 115	M 110	M 104	
M 127	M 127	M 120	M 115	M 109	M 104
19	20	21	22	23	24
M 126	M 120	M 114	M 109	M 103	
M 126	M 125	M 119	M 114	M 108	M 103
30	29	28	27	26	25
M 125	M 119	M 113	M 108	M 102	
M 124	M 124	M 118	M 113	M 107	M 102
31	32	33	34	35	36
M 123	M 118	M 112	M 107	M 101	
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7 M37 M38 ⁸ M 34 M 33	M37 M38 ⁹ M 26 M 33	M37 ¹⁰ M 21 M 20	11 M 15 M 15	12 M 10 M 9
18 M 32	17 M 31	16 M 25	15 M 14	14 M 9
19 M 30	20 M 30	21 M 24	22 M 13	23 M 8
30 M 29	29 M 28	28 M 23	27 M 18	26 M 12
31 M 28	32 M 22	33 M 17	34 M 11	35 M 6
M	M	M	M	M

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6	5	4	3	2	1
M 76	M 77	M 69	M 63	M 58	M 52
M 75	M 74	M 68	M 62	M 57	M 52
7	M 82 8	M 81 9	M 81 10	11	12
M 75	M 74	M 68	M 62	M 57	M 51
18	M 82 17	M 81 16	M 81 15	14	13
M 73	M 74	M 67	M 61	M 56	M 50
19	M 79 20	21	M 79 22	M 83 23	M 80 24
M 72	M 71	M 66	M 60	M 54	M 49
30	29	M 78 28	M 78 27	M 79 26	M 79 25
M 70	M 71	M 65	M 60	M 55	M 49
31	32	M 78 33	M 78 34	M 80 35	M 80 36
M 69	M 64	M 58	M 53	M 47	

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M 122	M 122	M 114	M 109	M 104	M 98
M123 ₇	M126 ₈	9	M124 M125 ₁₀	M124 M125 ₁₁	12.
M 121	M 126	M 113	M 108	M 103	M 97
M126 ₁₈	M126 ₁₇	M126 ₁₆	M124 ₁₅	M124 ₁₄	13
M 119	M 119	M 112	M 107	M 102	M 96
M124 ₁₉	20	21	22	23	24
M 118	M 117	M 111	M 106	M 101	M 95
M124 ₃₀	29	28	27	26	25
M 116	M 116	M 116	M 105	M 100	M 94
31	32	33	34	M127 ₃₅	M127 ₃₆
M 115	M 110	M 104	M 99	M 93	M
M	M	M	M	M	M

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M45 ⁶	5	4	M42 ³	M42 ²	1
M 34	M 34	M 26	M 21	M 15	M 16
M 34	M 33	M 26	M 20	M 15	M 9
7	8	9	10	11	M41 ¹²
M 32	M 33	M 25	M 20	M 14	M 9
M 32	M 32	M 25	M 19	M 14	M 8
18	M39 ¹⁷	M37 ^{M39¹⁶}	M37 ¹⁵	14	M41 ¹³
M 31	M 31	M 24	M 19	M 13	M 7
M 31	M 30	M 24	M 18	M 13	M 7
19	20	M43 ²¹	M40 ^{M43²²}	M44 ²³	M44 ²⁴
M 29	M 29	M 23	M 18	M 12	M 6
M 29	M 29	M 23	M 17	M 12	M 6
30	M36 ²⁹	M36 ^{M43²⁸}	M46 ²⁷	26	M38 ²⁵
M 28	M 28	M 22	M 17	M 11	M 5
M 28	M 27	M 22	M 16	M 11	M 5
31	M36 ³²	M36 ^{M44³³}	34	35	M38 ³⁶
M 27	M 27	M 21	M 16	M 10	M 4
M	M	M	M	M	M

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7 M 79 M 79	8 M 80 M 79	9 M 72 M 72	10 M 61 M 66	11 M 56 M 61	12 M 55
18 M 78 M 78	17 M 78 M 77	16 M 71 M 71	15 M 66 M 65	14 M 60 M 60	13 M 55 M 54
19 M 77 M 76	20 M 77 M 76	21 M 70 M 70	22 M 65 M 64	23 M 59 M 59	24 M 54 M 53
30 M 75 M 75	29 M 75 M 74	28 M 69 M 69	27 M 64 M 63	26 M 58 M 58	25 M 53 M 52
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7 M 116 M 116	8 M 109 M 116	9 M 104 M 109	10 M 98 M 103	11 M 93 M 98	12 M 92
18 M 115 M 115	17 M 108 M 114	16 M 103 M 108	15 M 97 M 102	14 M 92 M 97	13 M 91
19 M 114 M 113	20 M 107 M 113	21 M 102 M 107	22 M 96 M 101	23 M 91 M 96	24 M 90
30 M 112 M 112	29 M 106 M 111	28 M 101 M 106	27 M 95 M 100	26 M 90 M 95	25 M 89
31 M 111 M	32 M 105 M	33 M 100 M	34 M 94 M	35 M 89 M	36 M

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M 33	M 32	M 25	M 19	M 14	M 8
7 M 31	8 M 31	9 M 24	10 M 19	11 M 13	12 M 8
M 31	M 31	M 24	M 18	M 13	M 7
18 M 30	17 M 29	16 M 23	15 M 18	14 M 12	13 M 7
M 30	M 29	M 23	M 17	M 12	M 6
19 M 29	20 M 28	21 M 22	22 M 17	23 M 11	24 M 6
M 28	M 28	M 22	M 16	M 11	M 5
30 M 27	29 M 26	28 M 21	27 M 16	26 M 10	25 M 5
M 27	M 26	M 21	M 15	M 10	M 4
31 M 26	32 M 20	33 M 15	34 M 9	35 M 4	36 M
M 26	M 20	M 15	M 9	M 4	M

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6 M 72 72	5 M 71 71	4 M 64 63	3 M 58 57	2 M 51 51	1 M 46 45
7 M 70 70	8 M 71 70	9 M 62 62	10 M 56 56	11 M 50 50	12 M 45 44
18 M 69 69	17 M 69 68	16 M 61 61	15 M 55 55	14 M 49 49	13 M 44 43
19 M 67 67	20 M 68 67	21 M 60 60	22 M 54 54	23 M 48 48	24 M 43 42
30 M 66 66	29 M 66 65	28 M 59 59	27 M 53 53	26 M 47 47	25 M 42 41
31 M 65 65	32 M 58 58	33 M 52 52	34 M 46 46	35 M 41 41	36 M

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TOWNSHIP 117 RANGE 45

6 M 109	5 M 109	4 M 101	3 M 96	2 M 90	1 M 85
M 109	M 108	M 101	M 95	M 90	M 84
7 M 108	8 M 107	9 M 100	10 M 95	11 M 89	12 M 84
M 107	M 107	M 100	M 94	M 89	M 83
18 M 106	17 M 105	16 M 99	15 M 94	14 M 88	13 M 83
M 106	M 105	M 99	M 93	M 88	M 82
19 M 105	20 M 104	21 M 98	22 M 93	23 M 87	24 M 82
M 104	M 104	M 98	M 92	M 87	M 81
30 M 103	29 M 102	28 M 97	27 M 92	26 M 86	25 M 81
M 103	M 102	M 97	M 91	M 86	M 80
31 M 102	32 M 96	33 M 91	34 M 85	35 M 80	36 M
M	M	M	M	M	M

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RANGE

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4	3	2	1	2	1
24	M 19	M 13	M 8	M 46	
M 24	M 18	M 13	M 7	51	M 45
9	10	11	12	11	12
23	M 18	M 12	M 7	M 45	
M 23	M 17	M 12	M 6	50	M 44
16	15	14	13	14	13
22	M 17	M 11	M 6	M 44	
M 22	M 16	M 11	M 5	19	M 43
21	22	23	24	23	24
21	M 16	M 10	M 5	M 43	
M 21	M 15	M 10	M 4	18	M 42
28	27	26	25	26	25
M 20	M 15	M 9	M 4	M 42	
M 20	M 14	M 9	M 3	17	M 41
33	34	35	36	35	36
M 19	M 14	M 8	M 3	M 41	
M	M	M	M	M	M

6	5	4 M109	3 M109	2	1
M 107	M 99	M 94	M	M	
M 107	M 106	M 99	M 93	M	M
7	8	9	10 M109 M110	11 M109 M110	12 M110
M 106	M 98	M 93	M 88	M 84	M 83
M 105	M 105	M 98	M 92	M 88	M 83
18	17	16	15	14	13
M 104	M 97	M 92	M 87	M 83	
M 104	M 103	M 97	M 91	M 87	M 82
19	20	21	22	23	24
M 103	M 96	M 91	M 86	M 82	
M 102	M 102	M 96	M 90	M 86	M 81
30	29	28	27	26	25
M 101	M 95	M 90	M 85	M 81	
M 101	M 100	M 95	M 89	M 85	M 80
31	32	33	34	35	36
M 100	M 94	M 89	M 84	M 80	
M	M	M	M	M	M

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DIRECTION/MERIDIAN W5

TOWNSHIP 121 RANGE 45

6	5	4	3	2	1
M	M	M	M	M	
M	M	M	M	M	M
7	8	9	10	11	12
M	M	M	M	M	
M	M	M	M	M	M
18	17	16	15	14	13
M	M	M	M	M	
M	M	M	M	M	M
19	20	21	22	23	24
M	M	M	M	M	
M	M	M	M	M	M
30 M121	29	28	27	26	25
M	M	M	M	M	
M 119	M	M	M	M	M
31 M121	32 M121	33 M121	34 M122	35	36
M 119	M 118	M 118	M	M	
M	M	M	M	M	M