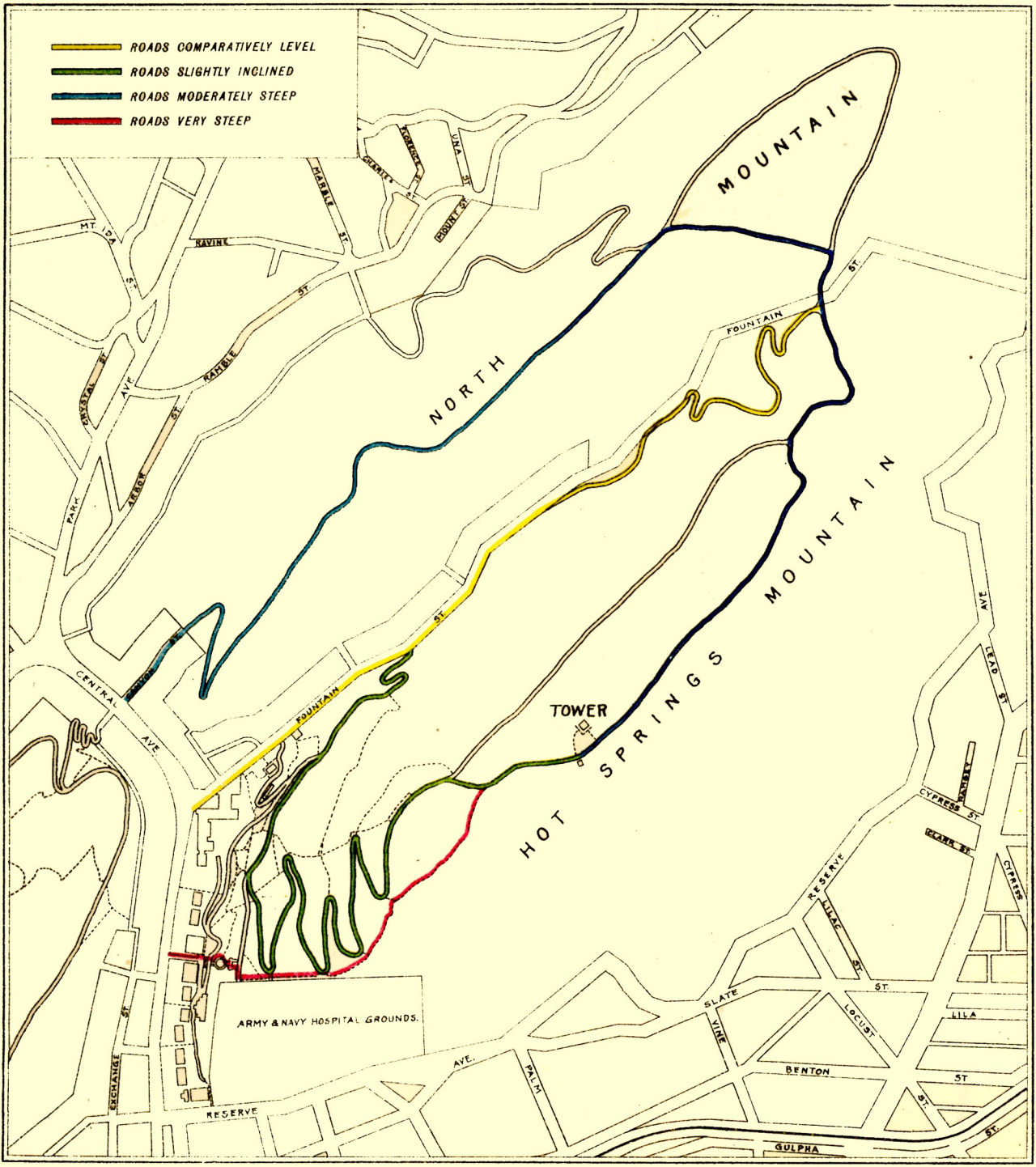
DEPARTMENT OF THE INTERIOR



MAP OF A PORTION OF THE U. S. GOVERNMENT RESERVATION, HOT SPRINGS, ARKANSAS.
FOR USE IN CONNECTION WITH OERTEL SYSTEM OF GRADUATED EXERCISE.

Information for use in determining distances, elevations, and grades in connection with map on other side.

All grades are ascending unless marked —; grades marked — are descending.

ELEVATIONS ON HAPPY HOLLOW ROAD BEGINNING AT CENTRAL AVENUE AND FOUNTAIN STREET. COMPARATIVELY LEVEL (**YELLOW**).

Monuments.	Grade.	Elevation.	Distance.
	Per cent.	*Feet.*	*Feet.*
1	2.5	620.10	300
2	3.1	629.45	600
3	3.81	640.90	900
4	4.0	652.95	1,200
5 [1]	3.43	663.25	1,500
6	3.93	675.05	1,800
7	5.21	690.70	2,100
8	5.58	707.45	2,400
9	8.52	733.02	2,700
10	9.89	762.70	3,000
11	7.78	786.05	3,300
12	7.52	808.63	3,600
13	6.58	828.39	3,900
14	7.29	850.28	4,200
15	7.08	871.53	4,500
16	6.71	891.68	4,800
17	6.41	910.93	5,100
18 [2]	7.10	932.25	5,400

ELEVATIONS ON ROAD ON HOT SPRINGS MOUNTAIN FROM FOUNTAIN STREET TO TOWER. SLIGHTLY INCLINED (**GREEN**).

6	3.61	674.10	1,800
7	4.20	686.71	2,100
8	1.10	690.00	2,400
9	0.28	690.85	2,700
10	1.29	694.74	3,000
11	—0.11	694.39	3,300
12	—0.82	691.93	3,600
13	3.37	702.06	3,900
14	4.13	714.44	4,200
15	5.04	729.58	4,500
16	4.55	743.23	4,800
17	4.12	755.60	5,100
18	4.47	769.00	5,400
19	4.46	782.38	5,700
20	4.11	794.72	6,000
21	4.82	809.20	6,300
22	6.72	829.37	6,600
23	6.19	847.95	6,900
24	5.80	865.36	7,200
25	8.34	890.40	7,500
26	8.81	916.84	7,800
27	8.57	942.54	8,100
28	6.55	962.20	8,400
29	8.22	986.87	8,700
30	7.71	1,004.08	8,923

ELEVATIONS ON ROAD ON NORTH AND HOT SPRINGS MOUNTAINS FROM CENTRAL AVENUE AND CANYON STREET TO TOWER ON HOT SPRINGS MOUNTAIN. MODERATELY STEEP (**BLUE**).

1	10.43	651.31	300
2	13.33	691.31	600
3	9.80	720.73	900
4	5.52	737.31	1,200
5	6.60	757.12	1,500
6	8.99	784.09	1,800
7	9.88	813.73	2,100
8	11.06	846.90	2,400
9	13.16	886.38	2,700
10	7.85	909.95	3,000
11	8.00	933.95	3,300
12	4.04	946.07	3,600
13	6.97	967.00	3,900
14	11.46	1,001.37	4,200
15	— 1.51	995.83	4,500
16	— 2.93	987.03	4,800
17	2.28	993.86	5,100
18	5.94	1,011.68	5,400
19	— 1.85	1,006.12	5,700
20	— 8.66	980.13	6,000
21	—11.21	946.48	6,300
22	— 4.07	934.26	6,600
23	— 6.88	913.63	6,900
24	— 0.66	911.64	7,200
25	— 1.44	907.31	7,500
26	6.44	926.62	7,800
27	9.67	955.64	8,100
28	5.46	972.03	8,400
29	— 0.70	969.93	8,700
30	4.91	984.67	9,000
31	5.63	1,001.55	9,300
32	— 1.37	997.44	9,600
33	6.00	1,003.92	9,708.50

[1] Starting point of road on Hot Springs Mountain to Tower.
[2] Junction of Happy Hollow Road and main road on Hot Springs Mountain.

ELEVATIONS ON PATH FROM CENTRAL AVENUE TO TOWER ROAD. VERY STEEP (**RED**).

1	12.87	644.91	300
2	14.67	688.93	600
3	22.40	756.13	900
4	12.78	794.49	1,200
5	19.27	852.30	1,500
6	15.17	897.80	1,800
7	14.13	940.18	2,100
8	6.32	959.15	2,400

PHYSICIAN'S DIRECTIONS.

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(Date starting walk.)

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