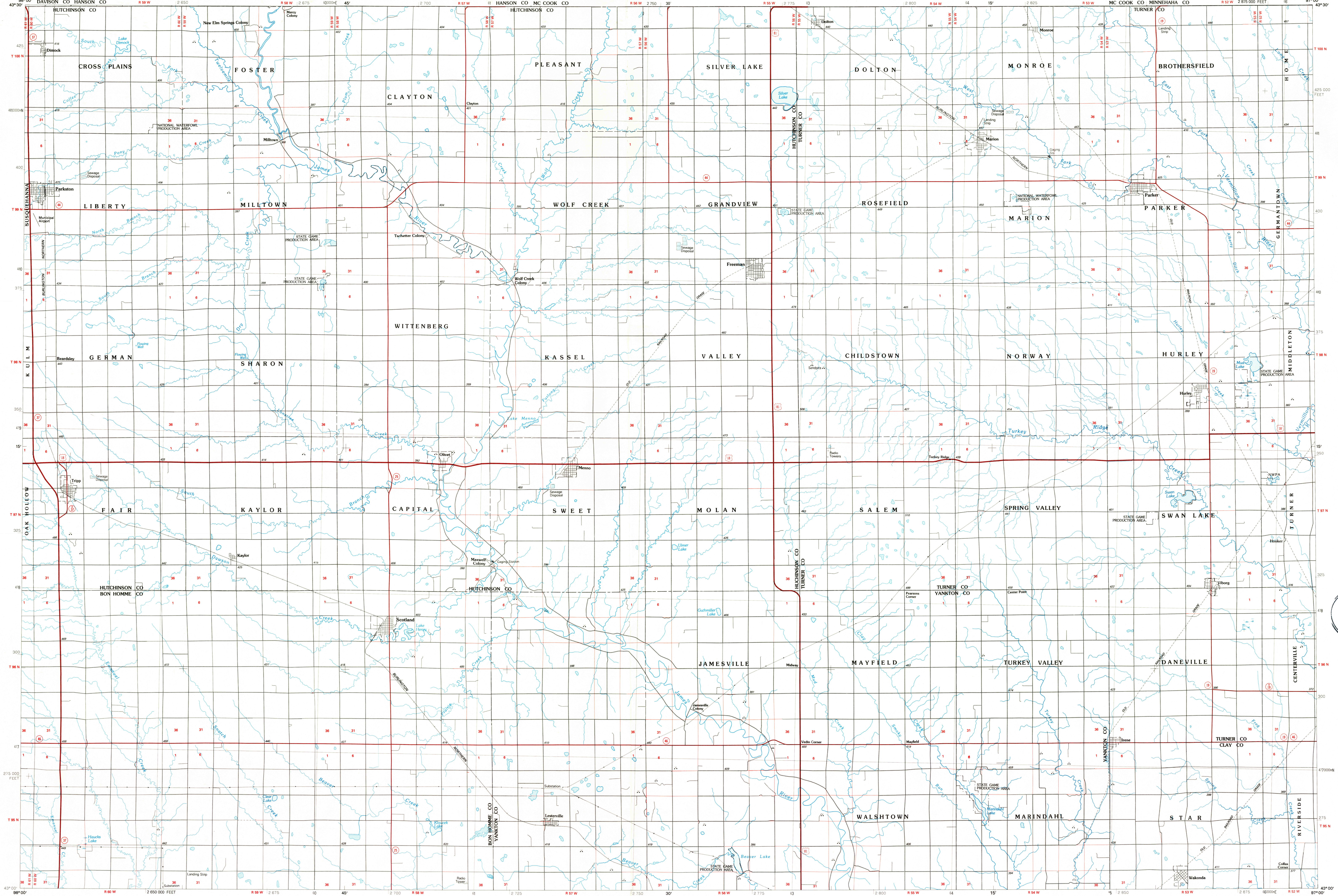


FREEMAN, SOUTH DAKOTA

30 X 60 MINUTE SERIES (PLANIMETRIC)



Freeman SOUTH DAKOTA

1:100 000-scale planimetric map



30 X 60 MINUTE QUADRANGLE SHOWING

- Elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names



GEOLOGICAL SURVEY

1985

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1957-1980. Planimetry revised from aerial photographs taken 1964 and other source data. Revised information not field checked. Map edited 1985.
 Projection and 10 000-meter grid, zone 14, Universal Transverse Mercator
 25 000-foot grid ticks based on South Dakota coordinate system, south zone
 1927 North American Datum
 To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 28 meters east.
 There may be private inholdings within the boundaries of the National or State reservations shown on this map.

NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5275
10	32.8084

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048

Declination	Miles
1° 00'	1.70
1° 30'	1.87
2° 00'	2.04
2° 30'	2.21
3° 00'	2.38
3° 30'	2.55
4° 00'	2.72
4° 30'	2.89
5° 00'	3.06
5° 30'	3.23
6° 00'	3.40
6° 30'	3.57
7° 00'	3.74
7° 30'	3.91
8° 00'	4.08
8° 30'	4.25
9° 00'	4.42
9° 30'	4.59
10° 00'	4.76
10° 30'	4.93
11° 00'	5.10
11° 30'	5.27
12° 00'	5.44
12° 30'	5.61
13° 00'	5.78
13° 30'	5.95
14° 00'	6.12
14° 30'	6.29
15° 00'	6.46
15° 30'	6.63
16° 00'	6.80
16° 30'	6.97
17° 00'	7.14
17° 30'	7.31
18° 00'	7.48
18° 30'	7.65
19° 00'	7.82
19° 30'	7.99
20° 00'	8.16
20° 30'	8.33
21° 00'	8.50
21° 30'	8.67
22° 00'	8.84
22° 30'	9.01
23° 00'	9.18
23° 30'	9.35
24° 00'	9.52
24° 30'	9.69
25° 00'	9.86
25° 30'	10.03
26° 00'	10.20
26° 30'	10.37
27° 00'	10.54
27° 30'	10.71
28° 00'	10.88
28° 30'	11.05
29° 00'	11.22
29° 30'	11.39
30° 00'	11.56
30° 30'	11.73
31° 00'	11.90
31° 30'	12.07
32° 00'	12.24
32° 30'	12.41
33° 00'	12.58
33° 30'	12.75
34° 00'	12.92
34° 30'	13.09
35° 00'	13.26
35° 30'	13.43
36° 00'	13.60
36° 30'	13.77
37° 00'	13.94
37° 30'	14.11
38° 00'	14.28
38° 30'	14.45
39° 00'	14.62
39° 30'	14.79
40° 00'	14.96
40° 30'	15.13
41° 00'	15.30
41° 30'	15.47
42° 00'	15.64
42° 30'	15.81
43° 00'	15.98
43° 30'	16.15
44° 00'	16.32
44° 30'	16.49
45° 00'	16.66
45° 30'	16.83
46° 00'	17.00
46° 30'	17.17
47° 00'	17.34
47° 30'	17.51
48° 00'	17.68
48° 30'	17.85
49° 00'	18.02
49° 30'	18.19
50° 00'	18.36
50° 30'	18.53
51° 00'	18.70
51° 30'	18.87
52° 00'	19.04
52° 30'	19.21
53° 00'	19.38
53° 30'	19.55
54° 00'	19.72
54° 30'	19.89
55° 00'	20.06
55° 30'	20.23
56° 00'	20.40
56° 30'	20.57
57° 00'	20.74
57° 30'	20.91
58° 00'	21.08
58° 30'	21.25
59° 00'	21.42
59° 30'	21.59
60° 00'	21.76
60° 30'	21.93
61° 00'	22.10
61° 30'	22.27
62° 00'	22.44
62° 30'	22.61
63° 00'	22.78
63° 30'	22.95
64° 00'	23.12
64° 30'	23.29
65° 00'	23.46
65° 30'	23.63
66° 00'	23.80
66° 30'	23.97
67° 00'	24.14
67° 30'	24.31
68° 00'	24.48
68° 30'	24.65
69° 00'	24.82
69° 30'	24.99
70° 00'	25.16
70° 30'	25.33
71° 00'	25.50
71° 30'	25.67
72° 00'	25.84
72° 30'	26.01
73° 00'	26.18
73° 30'	26.35
74° 00'	26.52
74° 30'	26.69
75° 00'	26.86
75° 30'	27.03
76° 00'	27.20
76° 30'	27.37
77° 00'	27.54
77° 30'	27.71
78° 00'	27.88
78° 30'	28.05
79° 00'	28.22
79° 30'	28.39
80° 00'	28.56
80° 30'	28.73
81° 00'	28.90
81° 30'	29.07
82° 00'	29.24
82° 30'	29.41
83° 00'	29.58
83° 30'	29.75
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94° 00'	33.32
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96° 30'	34.17
97° 00'	34.34
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98° 00'	34.68
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101° 00'	35.70
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