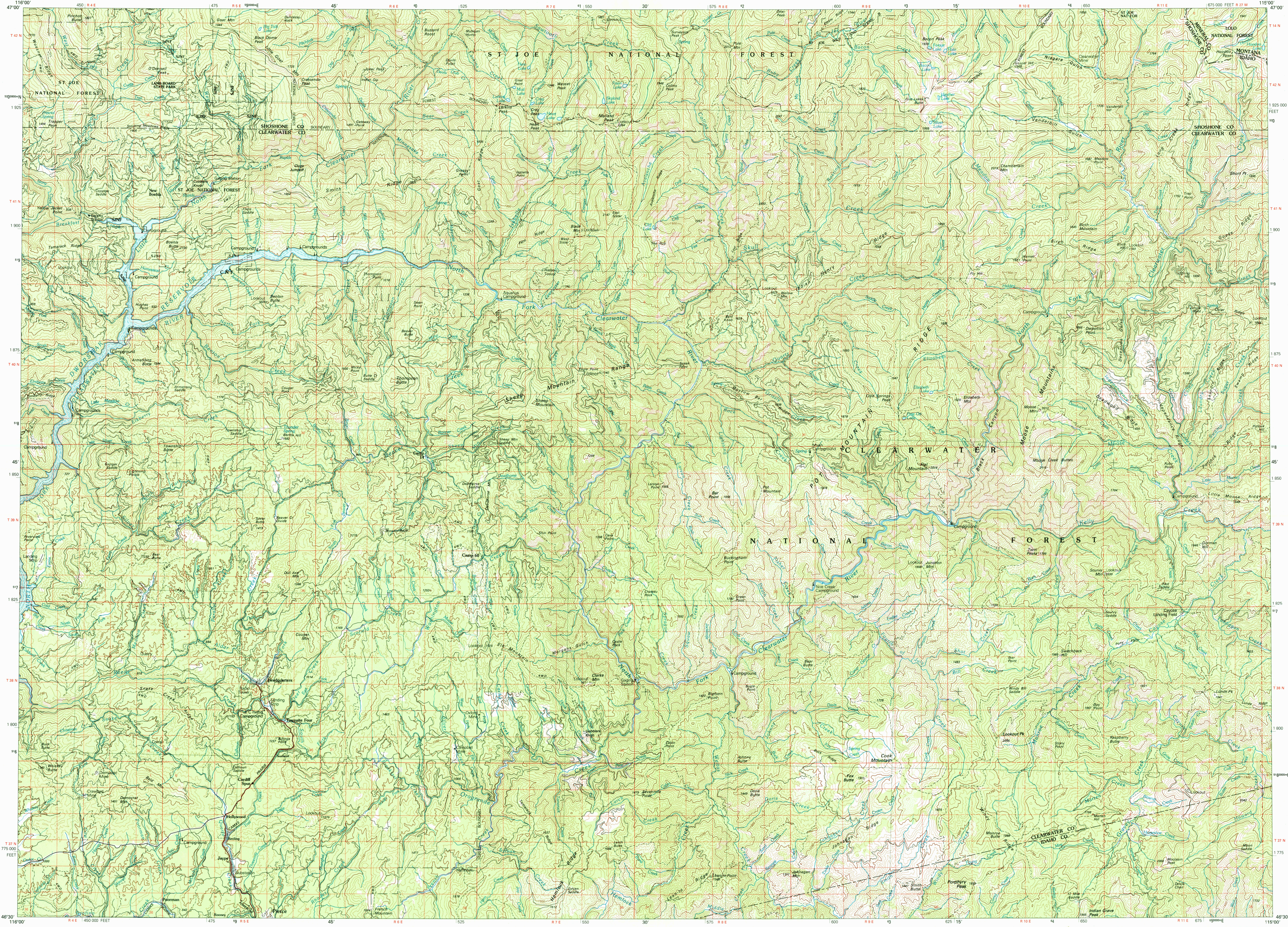


30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1982

Produced by the United States Geological Survey

Compiled from USGS 1:24 000-scale topographic maps dated 1963-1981. Planimetry revised from aerial photographs taken 1976-77, 1979 and other source data. Revised information not field checked. Map edited 1982

Projection and 10 000-meter grid, zone 11, Universal Transverse Mercator
25 000-foot grid ticks based on Idaho coordinate system, west zone, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 14 meters north and 74 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 50 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

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P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	6
3	9.8425		7	8	9
4	13.1234		10	11	12
5	16.4042		13	14	15
6	19.6850		16	17	18
7	22.9659		19	20	21
8	26.2467		22	23	24
9	29.5275		25	26	27
10	32.8084		28	29	30
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1982 magnetic declination (M) at center of map. Diagram is approximate	1 St. Maries 2 Wallace 3 Platts 4 Postfach 5 Missoula West 6 Orofino 7 Kootenai 8 Hamilton		
To convert feet to meters multiply by 0.3048					

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HISTORICAL MAP ARCHIVES

Topographic Map Symbols

Primary highway, hard surface	-----
Secondary highway, hard surface	-----
Light duty road, principal street, hard or improved surface	-----
Other road or street, trail	-----
Route marker: Interstate; U. S.; State	-----
Railroad: standard gauge, narrow gauge	-----
Bridge; overpass; underpass	-----
Tunnel: road; railroad	-----
Built up area; locality; elevation	-----
Airport; landing field; landing strip	-----
National boundary	-----
State boundary	-----
County boundary	-----
National or State reservation boundary	-----
Land grant boundary	-----
U. S. public lands survey: range, township, section	-----
Range, township, section line: protracted	-----
Power transmission line; pipeline	-----
Dam; dam with lock	-----
Cemetery; building	-----
Windmill; water well; spring	-----
Mine shaft; adit or cave; mine, quarry; gravel pit	-----
Campground; picnic area; U. S. location monument	-----
Ruins; cliff dwelling	-----
Distorted surface: strip mine, lava, sand	-----
Contours: index, intermediate, supplementary	-----
Bathymetric contours: index, intermediate	-----
Stream, lake: perennial, intermittent	-----
Rapids, large and small; falls, large and small	-----
Area to be submerged; marsh, swamp	-----
Land subject to controlled inundation; woodland	-----
Scrub; mangrove	-----
Orchard; vineyard	-----

A pamphlet describing topographic maps is available on request



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