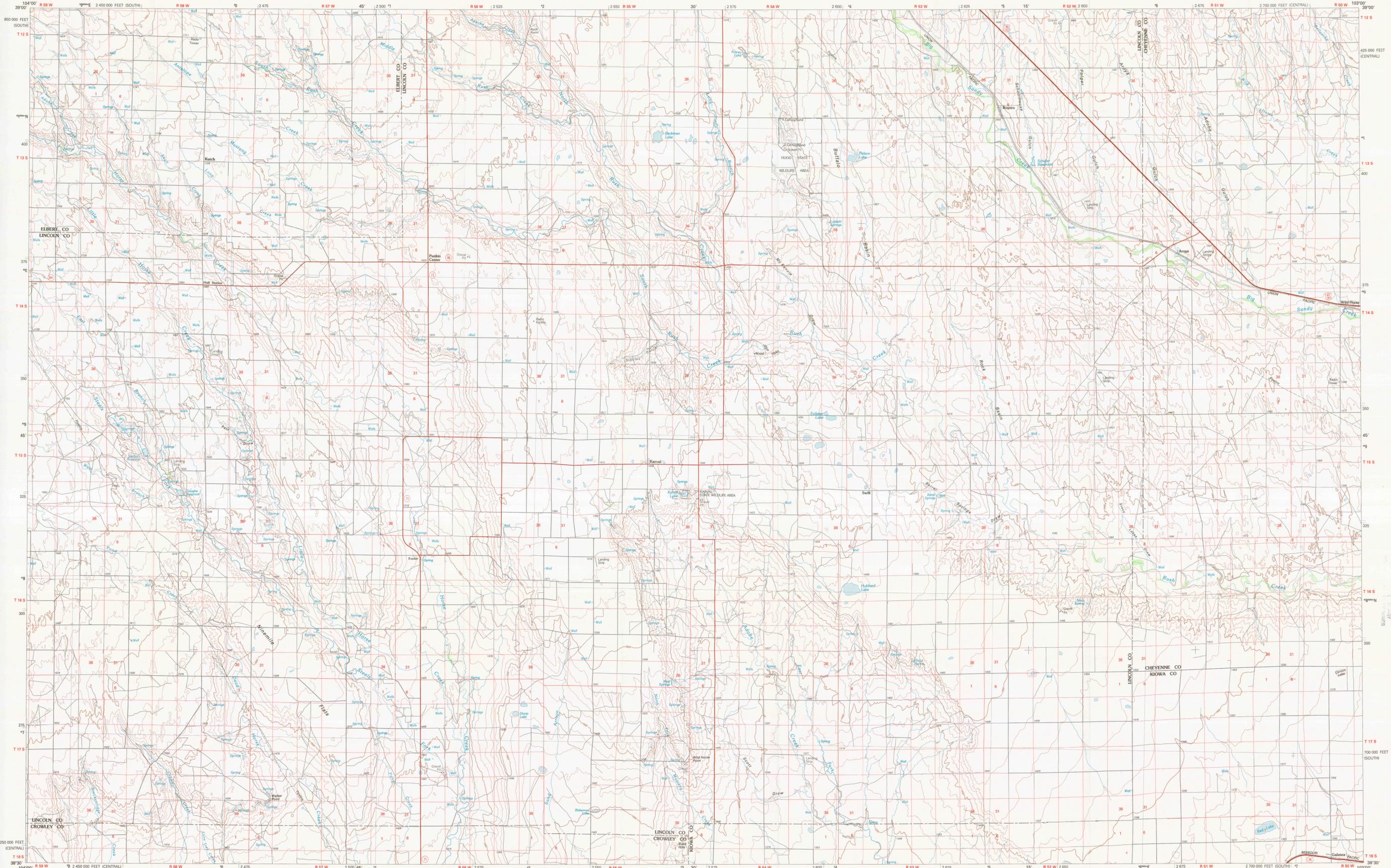


KARVAL, COLORADO

30X60 MINUTE QUADRANGLE (TOPOGRAPHIC)



Karval COLORADO

1:100 000-scale metric topographic map



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

1984

Produced by the United States Geological Survey
 Compiled from USGS 1:24 000-scale topographic maps dated 1975-1978. Partially revised from other source data. Revised information not field checked. Map edited 1984.

Projection and 10 000-meter grid, zone 13
 Universal Transverse Mercator
 25 000-foot grid ticks based on Colorado coordinate system, central and south zones. 1927 North American datum
 To place on the predicted North American Datum 1983 move the projection lines 3 meters north and 44 meters east
 Where omitted land lines have not been established, are not shown because of insufficient data or are areas of extensive tract surveys
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

CONTOUR INTERVAL 10 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM		ADJOINING MAPS		
Meters	Feet	Magnetic	True	1	2	3
1	3.2808	17° 15'	17° 15'	1	2	3
2	6.5617	17° 15'	17° 15'	4	5	6
3	9.8425	17° 15'	17° 15'	7	8	9
4	13.1234	17° 15'	17° 15'	10	11	12
5	16.4042	17° 15'	17° 15'	13	14	15
6	19.6850	17° 15'	17° 15'	16	17	18
7	22.9659	17° 15'	17° 15'	19	20	21
8	26.2467	17° 15'	17° 15'	22	23	24
9	29.5275	17° 15'	17° 15'	25	26	27
10	32.8084	17° 15'	17° 15'	28	29	30

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

UTM grid convergence (CM) and false magnetic declination (MM) at center of map
 Diagram is approximate

1 Castle Rock
 2 Limon
 3 Burlington
 4 Colorado Springs
 5 Cheyenne Wells
 6 Pueblo
 7 Las Animas
 8 Lamar

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225 OR RESTON, VIRGINIA 22092

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 gage; narrow gage
- 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: protected
- Power transmission line: gipline
- Dam; dam with lock
- Cemetery: building
- Wellhead; water well; spring
- Mine shaft; adit or cave; mine, quarry; gravel pit
- Campground; picnic area; U. S. location monument
- Ruin; 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
- Sandy, mangrove
- Orchard; vineyard



KARVAL, COLORADO 38103-E1-TM-100

1984

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