



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY USGS, NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN 1976  
FIELD CHECKED 1977. MAP EDITED 1983  
PROJECTION TRANSVERSE MERCATOR  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ZONE 12  
100000-FOOT STATE GRID TICKS ARIZ. EAST ZONE, N. MEX. WEST ZONE  
UTM GRID DECLINATION 1983 EAST  
1980 MAGNETIC NORTH DECLINATION 13° EAST  
VERTICAL DATUM NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM 1927 NORTH AMERICAN DATUM

To place on the predicted North American Datum of 1983,  
move the projection lines as shown by dashed corner ticks  
(1 meter north / 58 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State Reservations shown on this map  
Land lines have not been established or are not shown  
because of insufficient data

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Informa-  
tion shown as of date of  
field check



CONTOUR INTERVAL 40 FEET  
SUPPLEMENTAL CONTOUR INTERVAL 20 FEET  
To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by 0.3048

RECEIVED  
APR 30 2001

QUADRANGLE LOCATION

1	2	3	4	5	6	7	8
Lower Wheatfields	Upper Wheatfields	Tonilena	White Clay	Crystal	Sawmill	Buell Park	Todillo Park

ADJOINING 7.5 QUADRANGLE NAMES

**ROAD LEGEND**  
Improved Road  
Unimproved Road  
Trail  
Interstate Route  
U.S. Route  
State Route

**SONSELA BUTTES, ARIZ.—N. MEX.**  
**PROVISIONAL EDITION 1983**

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY  
P.O. BOX 25286, DENVER, COLORADO 80225  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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