Debris-slide, debris-flow, debris-flood, and stream-flood hazards, Burmester quadrangle, Tooele County, Utah.

MAPPED AND COMPILED BY KIMM M. HARTY
DRAFTED BY NOAH P. SNYDER

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BURMESTER QUADRANGLE
UTAH—TOOELE CO.
7.5 MINUTE SERIES ORTHOPHOTOMAP (TOPOGRAPHIC)

Study Area Boundary

ALKALI OR MUD

GREAT SALT LAKE
ELEVATION 4200
1953

EVAPORATORS

SALT

Burmester

Ruin

Borrow Pits

Slough

Springs

Warm

Coyote Knolls

Well

Flowing Well

Flowing Wells

Willow Fields

Blue Lakes

Coolews

Creek

Six mile

WESTERN PACIFIC

ROAD

PIPELINE

BURMESTER

T O O E L E

V A L L E Y

DFF

(GRANTSVILLE)
3565 III SW

(MILLS JUNCTION)
3565 III NE

(TIMPIE 1:62 500)
3465 II

(TOOELE)
3565 III SE

(CORRAL CANYON)
3465 I SE

(PLUG PEAK SE)
3565 IV SE

WENDOVER #7 MI
TIMPIE 9 MI

6 MI TO UTAH 36
SALT LAKE CITY 28 MI

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Planimetry by photogrammetric methods from aerial photographs taken 1953. Topography by planetable surveys 1923 and 1955
Revision and orthophotomosaic from aerial photographs taken 1971
Field checked 1972

Underwater contours by photogrammetric methods from aerial photographs taken 1966, 1969, and 1971-72

Projection and 10,000-foot grid ticks: Utah coordinate system, central zone (Lambert conformal conic)
1000-meter Universal Transverse Mercator grid ticks, zone 12, shown in blue. 1927 North American datum

UTM GRID AND 1972 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 5 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road
Interstate Route U. S. Route State Route

UTAH.
QUADRANGLE LOCATION

BURMESTER, UTAH
N4037.5—W11222.5/7.5
1972
AMS 3565 III NW—SERIES V8970

TOOELE VALLEY
NORTHERN RUSH VALLEY

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

EXPLANATION

Source-area susceptibility

H*	**High; includes slopes that failed during the 1983-84 wet years.**
M*	**Moderate.**
L	**Low.**

Debris deposition and flood hazard

DFF	*	Possible sediment deposition and flooding from debris flows, debris floods, and stream floods; includes 1983-84 debris deposits (crosshatched).

* Special studies are recommended in areas of high and moderate source-area susceptibility, and in areas of possible sediment deposition and flooding (see table 1).