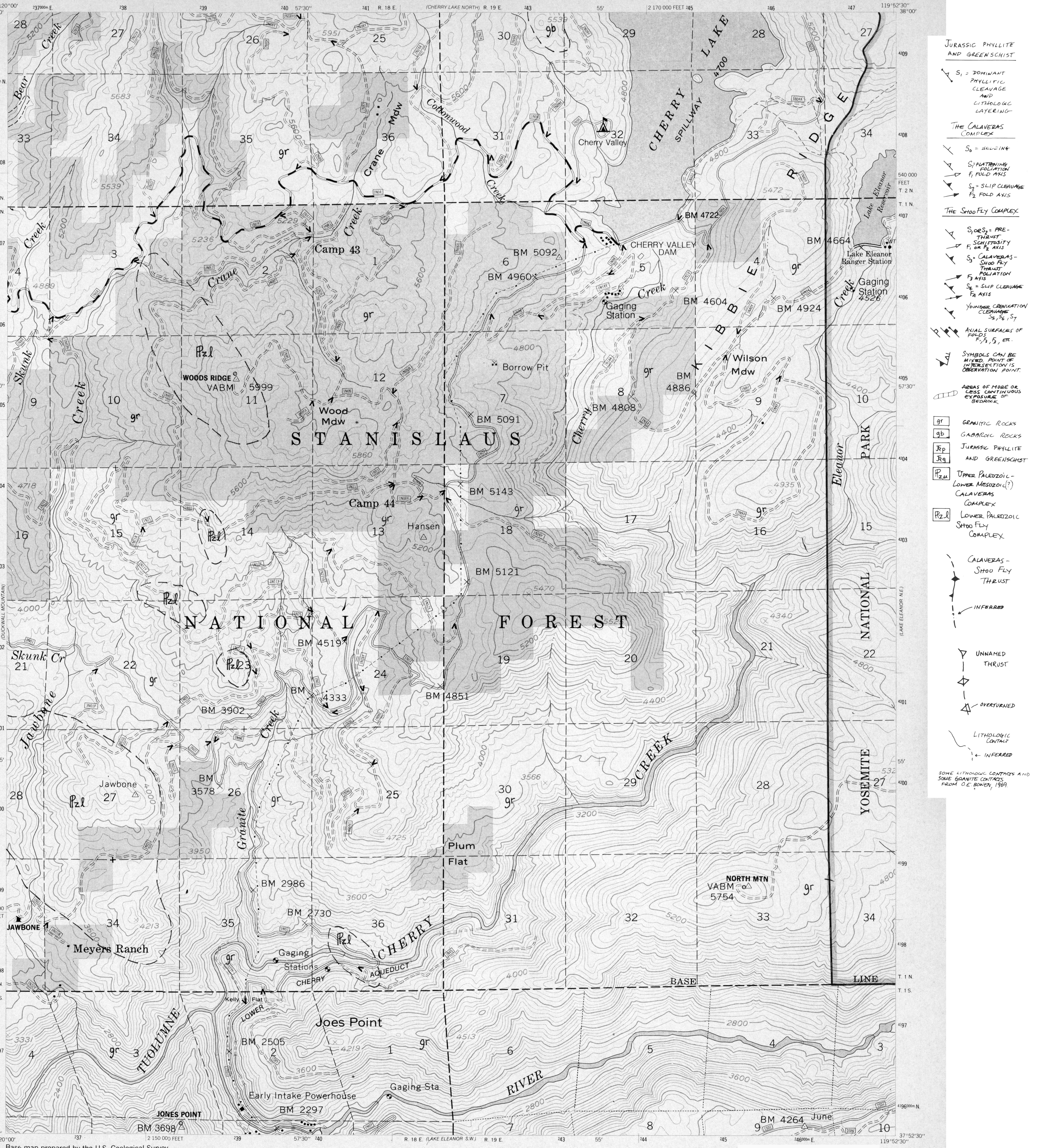
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
MODIFIED FOR USDA FOREST SERVICE USE

LAKE ELEANOR NW QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES



(HULL CREEK)
(PINECREST S.E.)
(CHERRY LAKE NORTH)
(DUCKWALL MOUNTAIN)
(LAKE ELEANOR N.E.)
(LAKE ELEANOR S.W.)
(LAKE ELEANOR S.E.)
STANISLAUS NATIONAL FOREST
CHERRY LAKE
SPILLWAY
KIBBIE RIDGE
Cherry Valley
CHERRY VALLEY DAM
Lake Eleanor Reservoir
Lake Eleanor Ranger Station
YOSEMITE NATIONAL PARK
WOODS RIDGE
VABM 5999
Wood Mdw
Camp 43
Camp 44
Hansen
Borrow Pit
Wilson Mdw
Gaging Station
Plum Flat
Jawbone
JAWBONE
Meyers Ranch
NORTH MTN
VABM 5754
Joes Point
Kelly Flat
Early Intake Powerhouse
Gaging Sta
JONES POINT
BM 3698
TUOLUMNE RIVER
CHERRY CREEK
CHERRY AQUEDUCT
BASE LINE
Bear Creek
Skunk Creek
Crane Creek
Cottonwood Creek
Granite Creek
Jawbone Creek
Eleanor Creek
gr
gb
Pzl
JURASSIC PHYLLITE AND GREENSCHIST
S1 = DOMINANT PHYLLITIC CLEAVAGE AND LITHOLOGIC LAYERING
THE CALAVERAS COMPLEX
S0 = BEDDING
S1 = FLATTENING FOLIATION
F1 FOLD AXIS
S2 = SLIP CLEAVAGE
F2 FOLD AXIS
THE SHOO FLY COMPLEX
S1 OR S2 = PRE-THRUST SCHISTOSITY
F1 OR F2 AXIS
S3 = CALAVERAS-SHOO FLY THRUST FOLIATION
F3 AXIS
S4 = SLIP CLEAVAGE
F4 AXIS
YOUNGER CRENULATION CLEAVAGE S5, S6, S7
AXIAL SURFACES OF FOLDS F1, F2, F3, ETC.
SYMBOLS CAN BE MIXED. POINT OF INTERSECTION IS OBSERVATION POINT.
AREAS OF MORE OR LESS CONTINUOUS EXPOSURE OF BEDROCK
gr GRANITIC ROCKS
gb GABBROIC ROCKS
Jp Jq JURASSIC PHYLLITE AND GREENSCHIST
Pzm UPPER PALEOZOIC-LOWER MESOZOIC(?) CALAVERAS COMPLEX
Pzl LOWER PALEOZOIC SHOO FLY COMPLEX
CALAVERAS-SHOO FLY THRUST
INFERRED
UNNAMED THRUST
OVERTURNED
LITHOLOGIC CONTACT
INFERRED
SOME LITHOLOGIC CONTACTS AND SOME GRANITE CONTACTS FROM O.E. BOWEN, 1969.

Base map prepared by the U.S. Geological Survey

Control by USGS and USC&GS

Topography from aerial photographs by photogrammetric methods
Aerial photographs taken 1955. Advance field check 1956

Polyconic projection. 1927 North American datum
10,000-foot grids based on California coordinate system, zone 3
1000-meter Universal Transverse Mercator grid
zone 11

Modification to USGS base map by the Geometronics Service Center from 1977 aerial photography and 1978 correction guides furnished by the Pacific Southwest Region.

Landnet revised according to additional Forest Service evidence

INTERMEDIATE EDITION

UTM GRID AND 1979 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL

LEGEND

National Forest Boundary
Alienated Land within the National Forest Boundary as of 1979.

TOWNSHIP AND SECTION LINE CLASSIFICATION
Surveyed, Location Reliable
Surveyed Location Approximate
Unsurveyed, Protracted

Primary Highway
Secondary Highway
Light Duty Road
Primitive Road
Trail
Locked Gate

U.S. Highway
State Highway
County Road
Forest Highway
Forest Road
Forest Trail
Barrier

STANISLAUS NATIONAL FOREST

Geology by Charles Merguerian
Assisted by S. K. Logan (1981)

LAKE ELEANOR NW, CALIF.
N3752.5-W11952.5/7.5
1956
DMA 2059 IV NW-SERIES V895