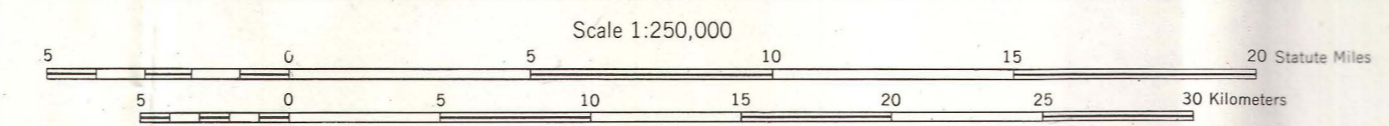
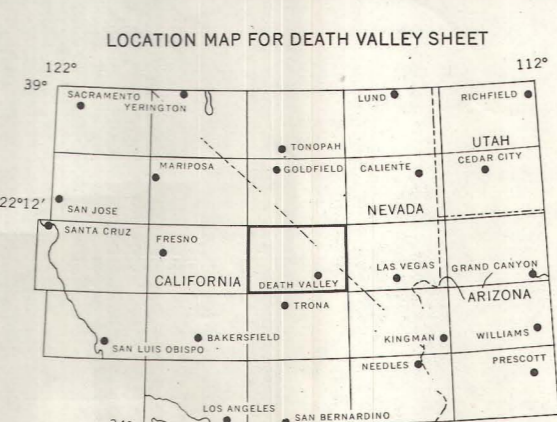


EXPLANATION			
SEDIMENTARY AND METASEDIMENTARY ROCKS	IGNEOUS AND META-IGNEOUS ROCKS		
Quaternary	Recent		
Qd	Dune sand	Qv	Recent volcanic: Qv ¹ -rhyolite; Qv ² -andesite; Qv ³ -basalt; Qv ⁴ -pyroclastic rocks
Qa	Alluvium		
Qsc	Stream channel deposits		
Qf	Fan deposits		
Qb	Basin deposits		
Qm	Salt deposits		
Ql	Quaternary lake deposits		
Qg	Glacial deposits		
Qn	Quaternary nonmarine terrace deposits		
Qp	Pleistocene marine and marine terrace deposits	Qp ¹ -Pleistocene volcanic: Qp ¹ -rhyolite; Qp ² -andesite; Qp ³ -basalt; Qp ⁴ -pyroclastic rocks	
Qn	Pleistocene nonmarine	Qn	Quaternary and/or Pliocene cinder cones
Qp	Pli-Pleistocene nonmarine		
Pu	Undivided Pliocene nonmarine		
Uu	Upper Pliocene nonmarine		
Pu	Upper Pliocene marine	Pu ¹ -Pliocene volcanic: Pu ¹ -rhyolite; Pu ² -andesite; Pu ³ -basalt; Pu ⁴ -pyroclastic rocks	
Pl	Middle and/or lower Pliocene nonmarine		
Pl	Middle and/or lower Pliocene marine		
Mu	Undivided Miocene nonmarine		
Um	Upper Miocene nonmarine		
Mu	Upper Miocene marine	Mu ¹ -Miocene volcanic: Mu ¹ -rhyolite; Mu ² -andesite; Mu ³ -basalt; Mu ⁴ -pyroclastic rocks	
Mm	Middle Miocene nonmarine		
Mm	Middle Miocene marine		
Lu	Lower Miocene nonmarine		
Lu	Lower Miocene marine		
Ou	Oligocene nonmarine	Ou ¹ -Oligocene volcanic: Ou ¹ -rhyolite; Ou ² -andesite; Ou ³ -basalt; Ou ⁴ -pyroclastic rocks	
Om	Oligocene marine		
Eu	Eocene nonmarine		
Eu	Eocene marine	Eu ¹ -Eocene volcanic: Eu ¹ -rhyolite; Eu ² -andesite; Eu ³ -basalt; Eu ⁴ -pyroclastic rocks	
Pu	Paleocene nonmarine		
Pu	Paleocene marine		
Cenozoic nonmarine		Cenozoic volcanic: Cn ¹ -rhyolite; Cn ² -andesite; Cn ³ -basalt; Cn ⁴ -pyroclastic rocks	
Tertiary nonmarine		Tertiary intrusive (hypabyssal) rocks: T ¹ -rhyolite; T ² -andesite; T ³ -basalt	
Tertiary lake deposits		Tertiary volcanic: T ¹ -rhyolite; T ² -andesite; T ³ -basalt; T ⁴ -pyroclastic rocks	
Tertiary marine			
Undivided Cretaceous marine		Franciscan Formation	
Upper Cretaceous marine		Franciscan volcanic and metavolcanic rocks	
Lower Cretaceous marine		Mesozoic granitic rocks: G ¹ -granite and adamellite; G ² -granodiorite; G ³ -tonalite and diorite	
Knoville Formation		Mesozoic basic intrusive rocks	
Upper Jurassic marine		Mesozoic ultrabasic intrusive rocks	
Middle and/or Lower Jurassic marine		Jura-Trias metavolcanic rocks	
Triassic marine			
Pre-Cretaceous metamorphic rocks (s = limestone or dolomite)		Pre-Cretaceous metavolcanic rocks	
Pre-Cretaceous metasedimentary rocks		Pre-Cretaceous granitic and metamorphic rocks	
Paleozoic marine (s = limestone or dolomite)		Paleozoic metavolcanic rocks	
Permian marine		Permian metavolcanic rocks	
Undivided Carboniferous marine		Carboniferous metavolcanic rocks	
Pennsylvanian marine			
Mississippian marine			
Devonian marine		Devonian metavolcanic rocks	
Silurian marine		Devonian and pre-Devonian? metavolcanic rocks	
Pre-Silurian metasedimentary rocks		Pre-Silurian metavolcanic rocks	
Ordovician marine		Pre-Silurian metavolcanic rocks	
Cambrian marine		Pre-Cambrian igneous and metamorphic rock complex	
Cambrian - Precambrian marine		Undivided Precambrian granitic rocks	
Undivided Precambrian metamorphic rocks		Undivided Precambrian granitic rocks	
Later Precambrian sedimentary and metamorphic rocks		Later Precambrian sedimentary and metamorphic rocks	
Earlier Precambrian metamorphic rocks		Precambrian gneiss	

TOPOGRAPHIC BASE MAP
 Prepared by the Army Map Service (CGPM), Corps of Engineers, U.S. Army, Washington, D.C. Compiled in 1956 by the U.S. Coast and Geodetic Survey by photogrammetric methods and from United States Quadrangles, 1:40,000, 1:48,000, and 1:62,500, USGS, CG, 1961-1964. Planimetric detail revised by photo-planimetric methods. Horizontal and vertical control by USGS and USC&GS. Photography field annotated 1954.
 Land not prepared by U.S. Geological Survey, 1957



**BOUGUER GRAVITY MAP OF CALIFORNIA
 DEATH VALLEY SHEET**
 COMPILATION BY RODGER H. CHAPMAN, DON L. HEALEY, AND BENNIE W. TROXEL, 1971
 GEOLOGY FROM THE GEOLOGIC MAP OF CALIFORNIA, OLAF P. JENKINS EDITION, DEATH VALLEY SHEET, 1958

Gravity Station
 California Division of Mines and Geology gravity base station
 Lines of equal Bouguer anomaly in milligals, dashed in areas of poor control
 + indicates gravity high, - indicates gravity low
 Datum is 979.9883 gals at the San Francisco Airport, station WA 95, established by Behrendt and Woolard (California Division of Mines and Geology gravity base station number 103)
 Terrain corrections for most stations have been made to 166.7 km.

SOURCES OF GRAVITY DATA
 FROM THE CALIFORNIA DIVISION OF MINES AND GEOLOGY, SACRAMENTO, CALIFORNIA
 (FOR COMPLETE CITATIONS SEE "REFERENCES" IN ACCOMPANYING TEXT)
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