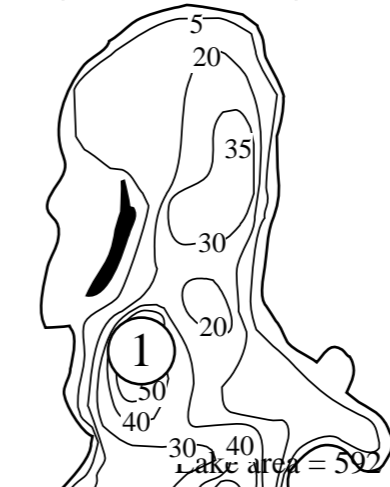
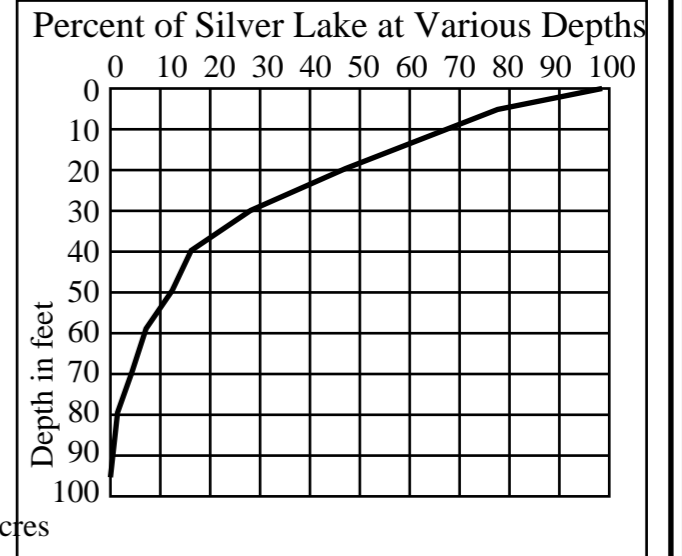


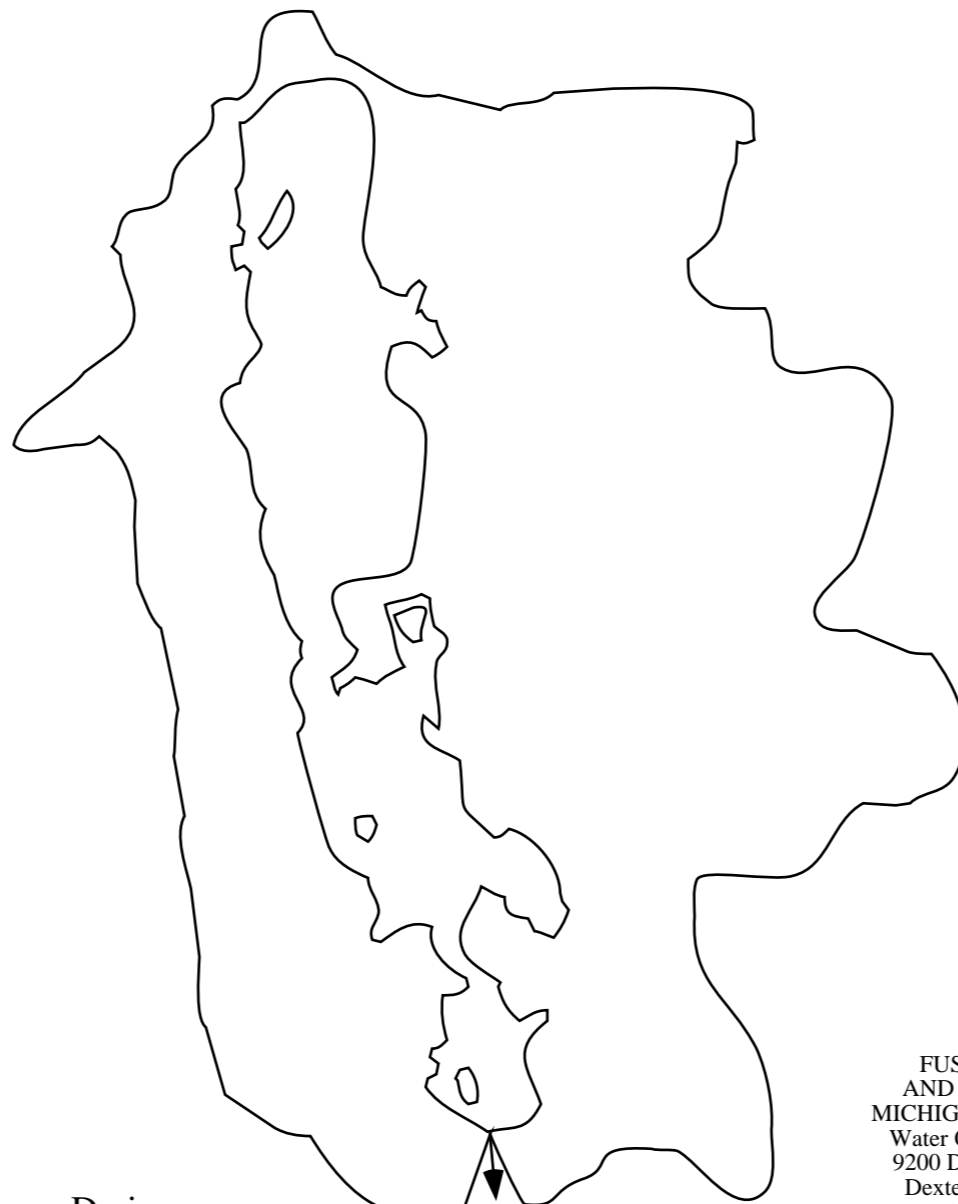
← 2000 feet →



Silver Lake Contour Areas & Volumes	
Areas of various contours	Volume in acre feet
Lake area = 600.047 acres	
Island area = 7.586 acres	
Surface area = 592.461 acres	
5 foot = 466.607 acres	2648
20 foot = 285.436 acres	5640
30 foot = 172.828 acres	2291
40 foot = 97.824 acres	1353
50 foot = 68.493 acres	832
60 foot = 43.836 acres	562
70 foot = 21.092 acres	325
80 foot = 10.658 acres	159
90-96 foot = 2.936 acres	68
	9
Lake volume = 13887 acre feet	

TABLE OF LAKE DATA

Lake name.....	Silver Lake
County	Grand Traverse
U.S.G.S. Map.....	Grawn
Type of lake	Natural kettle
River basin.....	Boardman
Lake area (acres).....	600
Island area (acres).....	8
Surface area (acres).....	592
Maximum depth (feet).....	96
Mean depth (feet).....	23.4
Lake volume (acre feet).....	13887
Shoreline length (feet).....	49514
Watershed area (acres).....	2362
Drainage area (acres).....	2962
Watershed to lake ratio	3.93
Flushing rate	3.9 years
Elevation.....	881
Longest dimension (feet).....	14973
Ice out date.....	Unknown
Date lake mixed.....	Unknown
Lake Water Quality Indices	
Spring 2007.....	98 98 98
Summer 2007.....	95 96 95
Bottom Sediments, % mineral...	50 36 39
Latitude	44° 41.818N
Longitude.....	85° 41.181W
Official lake monitor.....	Russ Adams



Drainage area map

FUSILIER'S ATLAS
AND GAZETTEER OF
MICHIGAN INLAND LAKES
Water Quality Investigators
9200 Dexter Chelsea Road
Dexter, Michigan 48130
(734) 426-8972

Silver Lake
Sections 5 & 6
Blair Township
T26N R11W
Sections 30 & 31
Garfield Township
T27N R11W
Grand Traverse County