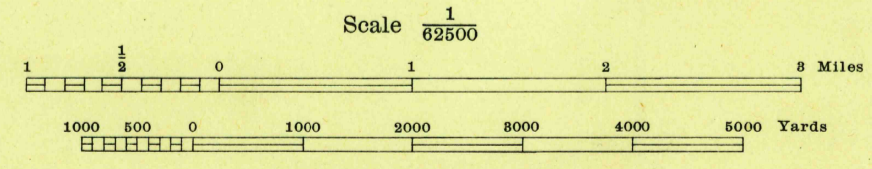


Prepared under the direction of the Chief of Engineers, U. S. Army, 1940.  
Horizontal control by U. S. Coast and Geodetic Survey, 1906, 1912.  
Vertical control by U. S. Geological Survey, 1915, P. E. P. Company, 1926, U. S. Coast and Geodetic Survey, 1929, Oregon State Hwy. Dept., 1934 and 29th Engineers, U. S. Army, 1939.  
Topography by 29th Engineers, U. S. Army, 1939 from T-3A (5-lens) aerial photographs by stereo-comparagraph methods, intermediate elevations by multiplex aero-projectors.  
Photography by 91st Observation Squadron, Air Corps, U. S. Army, 1937.  
Polyconic Projection, North American 1927 Datum.



**ROAD CLASSIFICATIONS**  
Dependable hard surface, heavy duty road  
Loose surface graded, dry weather road  
Secondary, hard surface, all weather road  
Dirt road  
More than two lanes indicated by note with tick at point of change.  
Road Data 1943

**U. S. Route** 30  
**State Route** 1

Contour interval 25 feet  
Datum is mean sea level (1929 Adj.)  
FIVE THOUSAND YARD GRID COMPUTED FROM "GRID SYSTEM FOR PROGRESSIVE MAPS IN THE U. S. ZONE "G" - U. S. C. & G. S. SPECIAL PUBLICATION NO. 59 (THE LAST THREE DIGITS OF THE GRID NUMBERS ARE OMITTED)  
THE STATE GRIDS ARE INDICATED FOR OREGON NORTH BY ... TICKS FOR WASHINGTON SOUTH BY ... TICKS OUTSIDE THE NEAT LINE AT 10,000 FOOT INTERVALS  
NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

USCS Historical File Topographic Division  
GRAY OVERPRINT SHOWS URBAN AREA WHERE ONLY LANDMARK BUILDINGS ARE PLOTTED  
APPROXIMATE MEAN DECLINATION 1943 FOR CENTER OF SHEET ANNUAL MAGNETIC CHANGE 2' DECREASE  
USE DIAGRAM ONLY TO OBTAIN NUMERICAL VALUES. TO DETERMINE MAGNETIC NORTH LINE CONNECT THE PIVOT POINT "P" ON THE SOUTH EDGE OF THE MAP WITH THE VALUE OF THE ANGLE BETWEEN GRID AND MAGNETIC NORTH AS PLOTTED ON THE DEGREE SCALE AT THE NORTH EDGE OF THE MAP.

ST. HELENS, OREG. - WASH.  
N4545-W12245/15

U. S. C. & G. S.  
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Inspection and Editing