



GUTHRIE 40 MI.
CUSHING 1 MI.

1455 000
YARDS

CUSHING 3 MI.

CUSHING 5 MI.

10 1/2"

15 Miles

1 1/4

0

1

2

3

4

5

10

15

13

14

15

16

17

18

19

20

21

22

23

24

25

has been mapped on a scale of $\frac{1}{62,500}$ or larger. The Hawaiian Islands, with the exception of the small islands at the western end of the group, have been surveyed, and the resulting maps are published on a scale of $\frac{1}{62,500}$.

The features shown on these maps may be arranged in three groups—(1) water, including seas, lakes, rivers, canals, swamps, and other bodies of water; (2) relief, including mountains, hills, valleys, and other features of the land surface; (3) culture

The sketch represents a river valley that lies between two hills. In the foreground is the sea, with a bay that is partly inclosed by a hooked sand bar. On each side of the valley is a terrace into which small streams have cut narrow gullies. The hill on the right has a rounded summit and gently slop-

Applications for maps or folios should be accompanied by cash, draft, or money order (not postage stamps) and should be addressed to

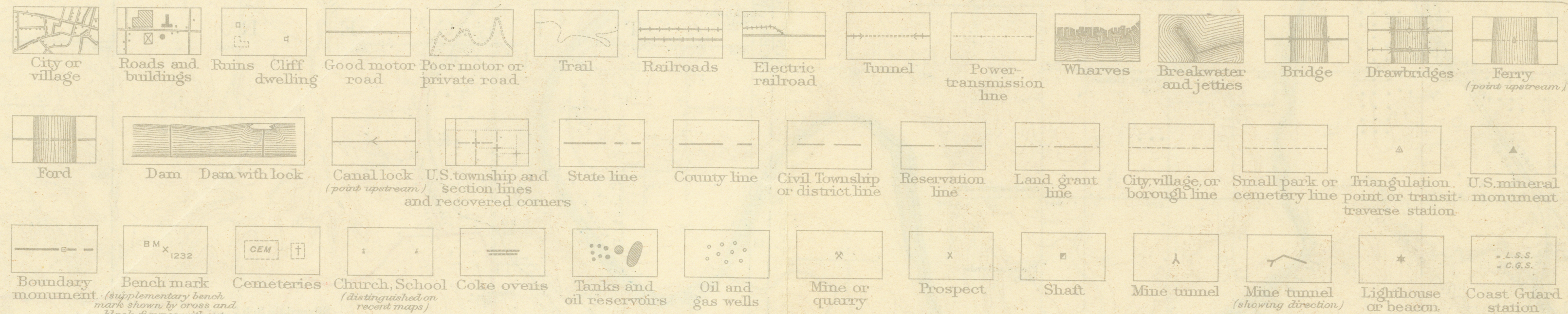
THE DIRECTOR,

United States Geological Survey,
Washington, D. C.

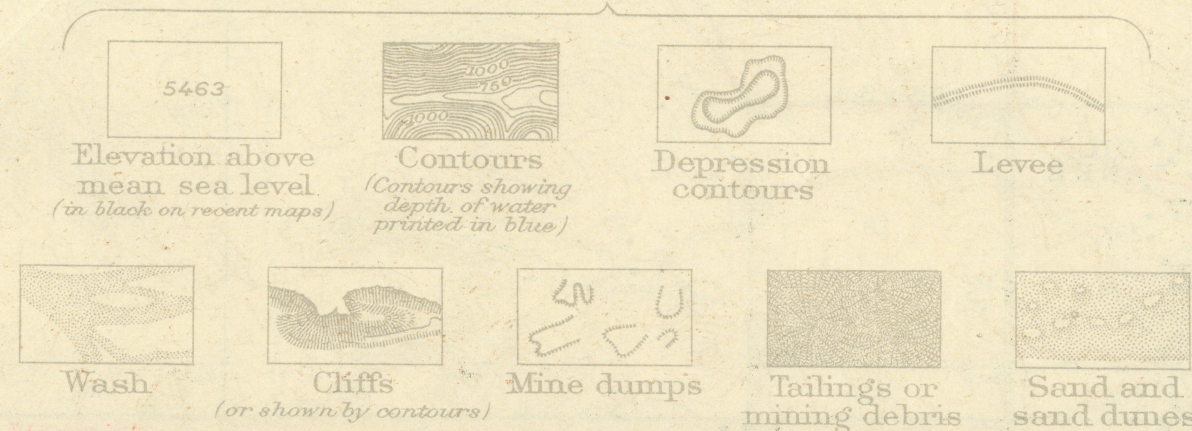
September, 1928.

STANDARD SYMBOLS

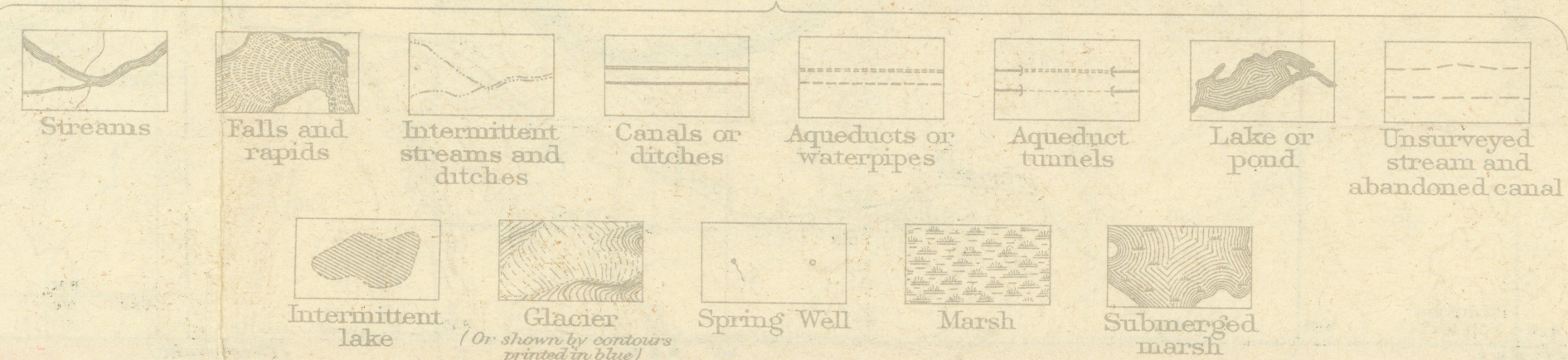
CULTURE (printed in black)



RELIEF (printed in brown)



WATER (printed in blue)



WOODS (when shown, printed in green)

possessions.

This topographic atlas is published in the form of maps on sheets measuring about $16\frac{1}{2}$ by 20 inches. Under the general plan adopted the country is divided into quadrangles bounded by parallels of latitude and meridians of longitude. These quadrangles are mapped on different scales, the scale selected for each map being that which is best adapted to general use in

maps.

All the water features are represented in blue, the smaller streams and canals by single blue lines and the larger streams, the lakes, and the sea by blue water lining or blue tint. Intermittent streams—those whose beds are dry for a large part of the year—are shown by lines of blue dots and dashes.

Relief is shown by contour lines in brown, which on some

ersed by a few shallow gullies. On the map each of these features is represented, directly beneath its position in the sketch, by contour lines.

The contour interval, or the vertical distance in feet between one contour and the next, is stated at the bottom of each map. This interval differs according to the topography of the area mapped: in a flat country it may be as small as 1 foot; in a

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Monument, Maps