

U. S. G. S.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

berr lower and by a searchiff. The hill at the left term nate decuptive at the valley in a steep warp, from which it angeredually away and forms an instant tablichout that is traveved by a few phallow guillies. On the many such of thes natures is required to threatly beneath its position in the leftla, by contour lines.

The contour interval, or the vertical distincts in figs below one contour and the next, is shifts at the boitsm of each map. This interval differs grounding to the tapography of the area mappells in a list to entry it new be as small as 1 dist; in a monantions region if unce here great as 250 feet. In mice that the controls may be need more easily certain contours inceevery fourth or fifth, are made hereins that the dister an accompanied by figures showing altitude. "The beights of here pointe-each as much increasing altitude. "The beights of here and bominutes are also given on the scine in figures, inclution bout the attracts of the second of the scine of the difficulties of the accurate previous frame and bominutes are also given on the scine in figures." Inclution with the increase frame are also in the scine in the scine is an increase of the second of the scine in the scine in the scine with the interventions are also in the scine in the scine of the difficulties of the accurate the out in the scine in the scine with the intervention of the scine in the scine in the intervention of the second part of the scine in the scine is a scine in the scine of the scine of the scine of the difficulties of a scine bound of the scine in the scine in the scine of the difficulties of the scine in the scine in the scine of the difficulties of a scine bound of the scine of the scine is a scine of the difficulties of the scine in the scine of the scine of the difficulties of the scine of the sc

Back quidrangle is designated by the quaie of a city, own, it prominent natural fistary within it, and no the mappies of the map are printed the names of adjoining quadrant as of which maps have been published. More than 4.1400 madmaples in the Ended Sintle blive been an wryce, and us as of hem similar to the one on the other side of this short have been rubbibled.

Applications for maps or folios should be assumption by

Indeed topographic maps to cover the United States is note than 47 percent of the country, exclusive of a car more than 47 percent of the country, exclusive of a see ions. If maps are published on sheets that measure about in new Under the general path adopted the couidants of longitude. These quadranceles are map ident course, the same elected for each map being the court course, the same elected for each map being the set adapted to general use in the development of the couset adapted to general use in the development of the couset adapted to general use in the development of the couset integravity, though the standard maps are of new of ize, the argue that they represent are of differention is not inverting of cach map and a differen-

NEW YORK

(WAYNE COUNTLY PULTNEYVILLE QUADRANGLE 77'00'330'

15 Miles

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(Sodus Bay)

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the lower margin of each map are printed graphic scales in g distances in feet, meters mines, and kiloneyors. In thin, the scale of the map is shown is a fraction expressing entities between finear measurements on the map and corration between finear measurements on the map and corrating distances on the ground. For available, the scale range must I unit on the ground. For available, it foot, or I is approximately and on the ground. For available, it foot, or I is any must I unit on the ground. For special purposes, the interpret published on special scales for special purposes, the principle some areas in which there are problems of great is importance—relating, for example, to mineral develoption detail to be used in the realistication of maps of the importance relating for example to mineral developing in detail to be used in the realistication of maps on a range with the state of the realistication of maps of the interpret of the used in the realistication of maps of the interpret in the state of the realistication of maps of the real state of the state of the realistication of maps of the interpret of the used in the realistication of maps of the real to be used in the realistication of maps of the

rreys of areas in which there are problems of invenge aportance, such as most of the basin of the Mississippi tributaries, are made with sufficient detail to he med in lication of maps on a scale of the (1 inchtischer vierity 1 ith a contour interval of i0 to 100 feet.

vers of anar: in which the problems are of minor aportance, such as much of the mountain or deser-Arizona or New Mexico, and the high mountain area orthyret, are made with sufficient deal to be used in isation of maps on a scale of 22, {1 [nch = nearly 2] and (1 [mch = nearly 4 miles), with a contour interval

ial camera is now being used in mapping. From the repeated on the photographs, planimetric maps would drainage and culture, have been made for some or United States. By the use of storeoscopic plotting acrial photographs are utilized also in the making of a topographic maps, which show relief as well as

A prographic survey of Alaska has been in progress since B_{i} and nearly 44 percent of its area has now been impact, ou 15 percent of the Ferzioxy has been covered by maps a scale of a_{int} (1 inch = nearly 5 miles). For most of the minder of the area surveyed the maps published are on a le of a_{int} (1 inch = nearly 4 miles). For some more of parle of a_{int} (1 inch = nearly 4 miles). For some more of parle of a_{int} (1 inch = nearly 4 miles). For some more of parbe of a_{int} (1 inch = nearly 4 miles). For some more of partion of a_{int} (1 inch = nearly 4 miles). For some more of partion of a_{int} (1 inch = nearly 4 miles). For some more of partion of a_{int} (1 inch = nearly 4 miles). For some more of partion of a_{int} (1 inch = nearly 4 miles).

