

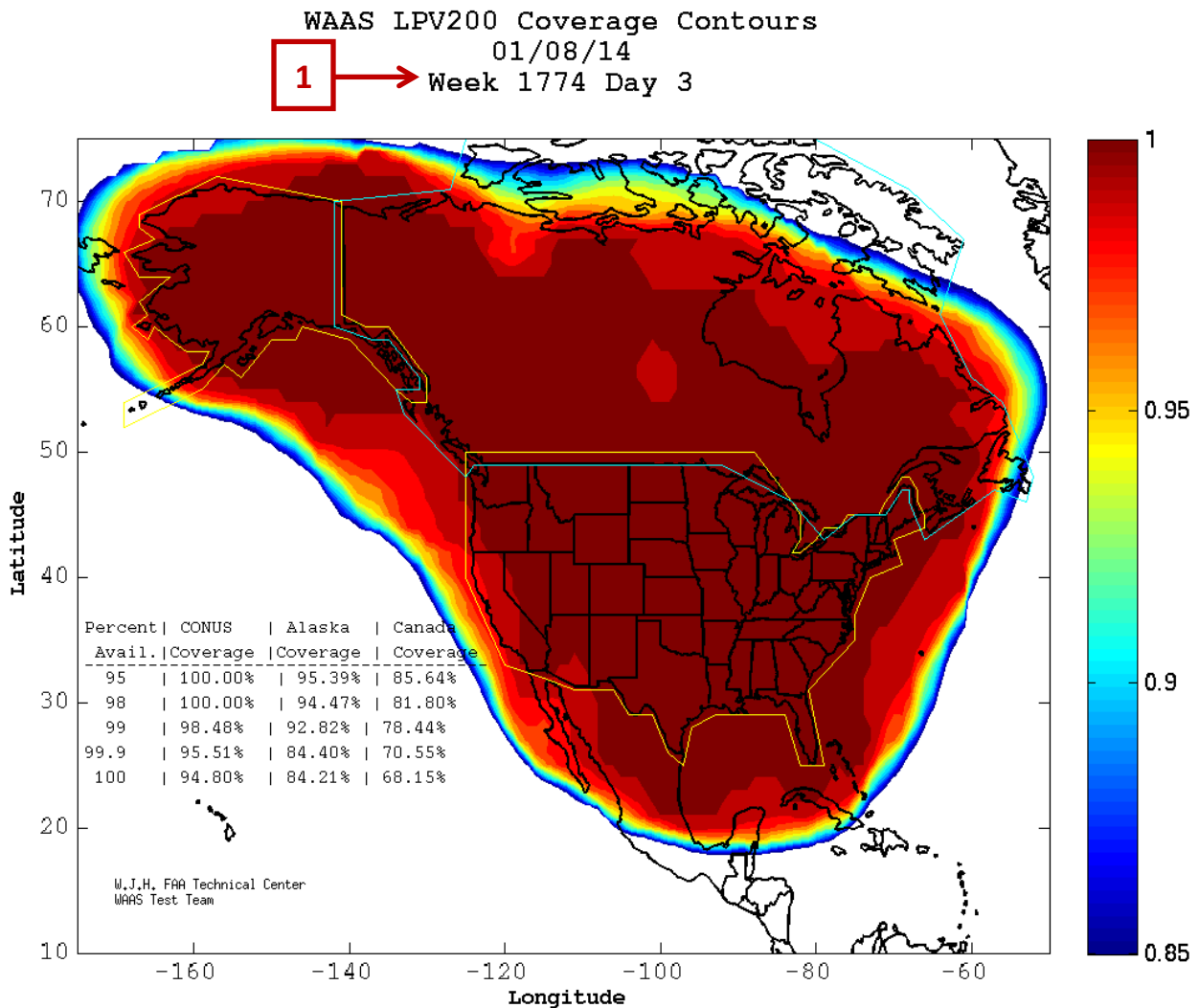
WAAS LPV200

Wide Area Augmentation System
Lateral Precision with Vertical Guidance, ≤ 200 feet

This daily 24-hour plot below depicts the Wide Area Augmentation System (WAAS) Lateral Precision with Vertical Guidance 200 (LPV200) service in North America. For this plot the day begins at 0:00 Greenwich Mean Time (GMT). LPV200 Coverage Areas are divided into three regions:

- Alaska – outlined by the yellow line
- The Contiguous United States (CONUS) – also outlined in yellow
- Canada – outlined in blue

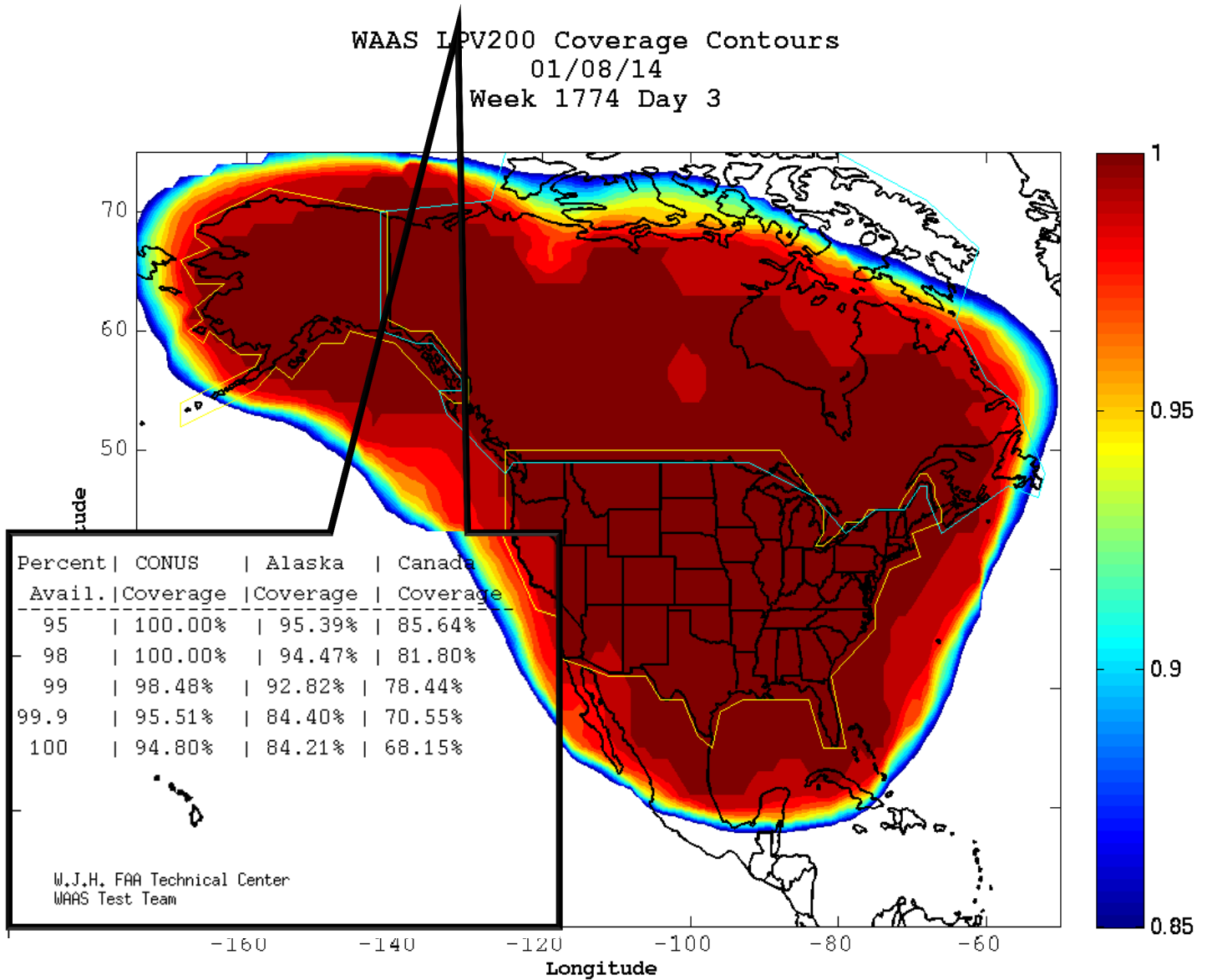
#1 below shows the number of weeks that have elapsed since the GSP epoch date of Sunday, January 6, 1980, which was week 0. Sunday is defined as the start of a week and is always day 0; Monday is day 1; Tuesday is 2 and so on. The plot below is from Wednesday January 8, 2014, or 1,774 weeks since the GPS epoch.



Percent of LPV200 Coverage:

The LPV200 coverage for North America is divided into percentage by region. The HPL and VPL is calculated at a 1 degree grid spacing to determine if WAAS LPV200 service is available at each of these grid points. Adding up the availability of each grid point over a 24 hour period in a region determines the availability of WAAS LPV 200 service in that region.

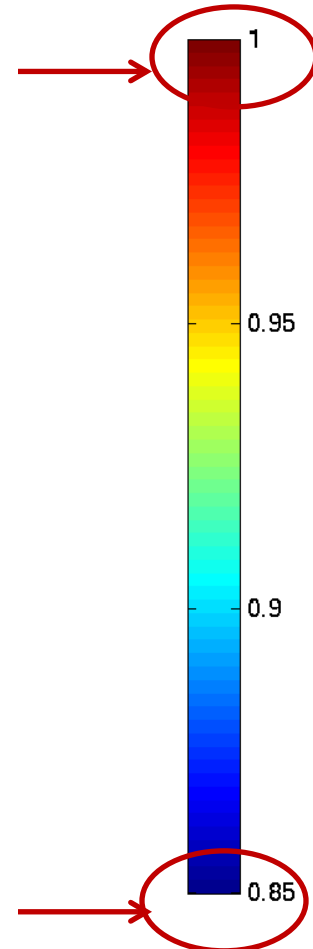
In the table within the diagram, for example, the first line shows that WAAS LPV200 was available 95% of the time in 100% of the area covered in CONUS, 95.39% of the area covered in Alaska, and 85.64% of the area covered in Canada.



The Color Scale

The color scale shows the percent of WAAS LPV200 Coverage.

The brown end of the spectrum indicates high WAAS LPV200 Coverage,
1 = 100% Coverage



The blue color shows a much lower WAAS LPV200 coverage.
The bottom of the scale is showing 0.85, or 85% Coverage

The white area in the plot indicates WAAS LPV200 Coverage of <85%.