

NOUS41 KWBC 192040 AAA  
PNSWSH

Service Change Notice 22-60 Updated  
National Weather Service Headquarters Silver Spring MD  
440 PM EDT Fri Aug 19 2022

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:       Daniel Roman, Acting Chief  
              Severe, Fire, Public and Winter Weather Services Branch

Subject: Updated: Changes to Public and Fire Weather Forecast Zones for  
WFO Juneau, AK: Effective September 13, 2022

Updated zone change implementation date from September 7, 2022 to  
September 13, 2022.

Reference: [Service Change Notice \(SCN\) 22-59: NWS is Creating a New Petersburg Borough and Changing the Hoonah-Angoon and Prince of Wales-Hyder Census Areas: Effective September 7, 2022](#)

Effective Tuesday, September 13, 2022, at 12:00 PM Alaska Daylight Time (AKDT), 2000 Coordinated Universal Time (UTC), the NWS Weather Forecast Office in Juneau, Alaska (AJK) will complete changes to Public and Fire Weather Forecast Zones throughout the County Warning Area (CWA). All public and fire forecasts and related products will use the new zone numbers and names shown below. Public and Fire zone boundaries will be the same.

If September 13, 2022 is declared a Critical Weather Day, this implementation will be postponed to September 14, 2022 at 2000 UTC.

These changes will result in more geographically-representative forecasts, advisory, watch, and warning products and will enable more consistency in web-based graphical forecast products. These changes are also intended to help reduce the overalerting effects from the current zones in warnings via NOAA Weather Radio All Hazards (NWR) and the Emergency Alert System (EAS) dissemination modalities.

WFO Juneau's entire CWA is undergoing boundary realignment. Note that the boundaries for all Public and Fire Weather zones are currently coincident. The Public and Fire Weather zone names are the same and this practice will continue. However, there are currently 13 existing zones and three new zones will be added with this change, bringing the total number of Public and Fire Weather zones to 16. All 13 existing Universal Geographic Codes (UGCs) will be retired and 16 new UGCs will be introduced. In Alaska, all UGCs use the UGC-Zone (UGC-Z) format. The Glacier Bay and Eastern Chichagof Island zone names will be retained, though the boundaries for both zones will change. Fourteen new zone

names will be introduced to enhance public communications by linking these areas with locally-known and understood geographical names.

Current UGCs: Current Public and Fire Weather Zone Names

- AKZ017: Cape Fairweather to Cape Suckling Coastal Area
- AKZ018: Taiya Inlet and Klondike Highway
- AKZ019: Haines Borough and Lynn Canal
- AKZ020: Glacier Bay
- AKZ021: Eastern Chichagof Island
- AKZ022: Salisbury Sound to Cape Fairweather Coastal Area
- AKZ023: Cape Decision to Salisbury Sound Coastal Area
- AKZ024: Eastern Baranof Island and Southern Admiralty Island
- AKZ025: Juneau Borough and Northern Admiralty Island
- AKZ026: Inner Channels from Kupreanof Island to Etolin Island
- AKZ027: Dixon Entrance to Cape Decision Coastal Area
- AKZ028: Southern Inner Channels
- AKZ029: Misty Fjords

New UGCs: New Public and Fire Weather Zone Names

- AKZ317: City and Borough of Yakutat
- AKZ318: Municipality of Skagway
- AKZ319: Haines Borough and Klukwan
- AKZ320: Glacier Bay
- AKZ321: Eastern Chichagof Island
- AKZ322: Cape Fairweather to Lisianski Strait
- AKZ323: City and Borough of Sitka
- AKZ324: Admiralty Island
- AKZ325: City and Borough of Juneau
- AKZ326: Petersburg Borough
- AKZ327: Western Kupreanof Island and Kuiu Island
- AKZ328: Prince of Wales Island
- AKZ329: City and Borough of Wrangell
- AKZ330: Ketchikan Gateway Borough
- AKZ331: City of Hyder
- AKZ332: Annette Island

NWS products affected by WFO Juneau, AK, Public and Fire Zone changes are listed below.

Product Name	WMO Heading	AWIPS ID
Area Forecast Discussion	FXAK67 PAJK	AFDAJK
Avalanche Weather Guidance	FWAK47 PAJK	AVGAJK
Coastal Flood Watch/Warning/Statement	WHAK47 PAJK	CFWAJK
Special Weather Statement	WWAK87 PAJK	SPSAJK
Public Information Statement	NOAK47 PAJK	PNSAJK
Zone Forecast Southeast Alaska	FPAK57 PAJK	ZFPAJK
Winter Weather Watch/Warning/Advisory	WWAK47 PAJK	WSWAJK
Non-Precipitation Watch/Warning/Advisory	WWAK77 PAJK	NPWAJK
Fire Weather Forecast	FNAK57 PAJK	FWFAJK
Fire Weather Message	WWAK67 PAJK	RFWAJK
Tsunami Warning	WEPA41 PAAQ	TSUWCA

Flood/Flash Flood Watch	WGAK67 PAJK	FFAAJK
Flood Warning	WGAK47 PAJK	FLWAJK
Flash Flood Warning	WGAK57 PAJK	FFWAJK
Point Forecast Matrix	FOAK57 PAJK	PFMAJK
Tabular State Forecast	FPAK67 PAJK	SFTAJK
Hydrologic Outlook	FGAK77 PAJK	ESFAJK
Short Term Forecast	FPAK77 PAJK	NOWAJK
Tabular State Forecast	FPAK67 PAJK	SFTAJK
Motoring Forecast	FPAK87 PAJK	TVLAJK

NWS partners and users will need to make necessary changes to their communications systems to accommodate these weather forecast zone changes.

Updated public zone shapefiles are online at:

<https://www.weather.gov/gis/PublicZones>  
<https://www.weather.gov/gis/FireZones>  
<https://www.weather.gov/gis/Counties>

Since there are NWS partners with systems associating NWS public zones with county equivalent names and/or Federal Information Processing Series (FIPS) codes, the updated zone-county correlation file is online at:

<https://www.weather.gov/gis/ZoneCounty>

A graphical depiction of this change is online at:

<https://storymaps.arcgis.com/stories/19ee524352484dfb97f1a25824ba97f0>

For more information, please contact:

Jonathan Suk  
Warning Coordination Meteorologist  
NWS Juneau, AK  
[jonathan.suk@noaa.gov](mailto:jonathan.suk@noaa.gov)  
907-790-6803

or

Jeff Garmon  
Meteorologist-in-Charge  
NWS Juneau, AK  
[jeff.garmon@noaa.gov](mailto:jeff.garmon@noaa.gov)  
907-790-6804

National Service Change Notices are online at:

<https://www.weather.gov/notification/>

NNNN