

NOUS41 KWBC 231850  
PNSWSH

Service Change Notice 22-60  
National Weather Service Headquarters Silver Spring MD  
250 PM EDT Thu Jun 23 2022

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

From:        Gregory Schoor, Acting Chief  
              Severe, Fire, Public, and Winter Weather Services Branch

Subject: Changes to Public and Fire Weather Forecast Zones for WFO Juneau,  
AK: Effective September 7, 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 Wednesday, September 7, 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 7, 2022 is declared a Critical Weather Day, this implementation will be postponed to September 8, 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

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 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

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 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
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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>

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National Service Change Notices are online at:

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

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