



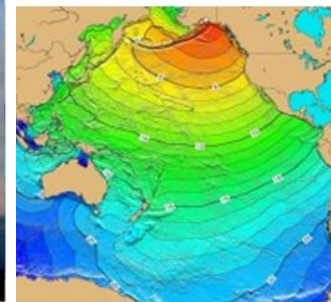
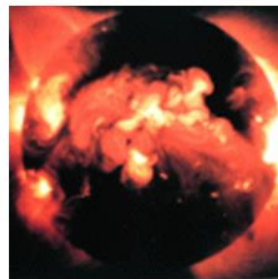
# National Weather Service Alaska Region TAF Operations

David Kochevar  
Lead Meteorologist  
Aviation Focal Point  
Anchorage WFO

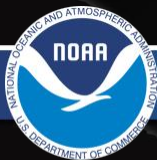


# Alaska Region Service Areas

- Aviation
- Climate
- Fire Weather
- Marine Weather and Sea Ice
- Public Forecasts and Warnings
- Rivers/Hydrology
- Space Weather
- Tsunami
- Volcanic Ash





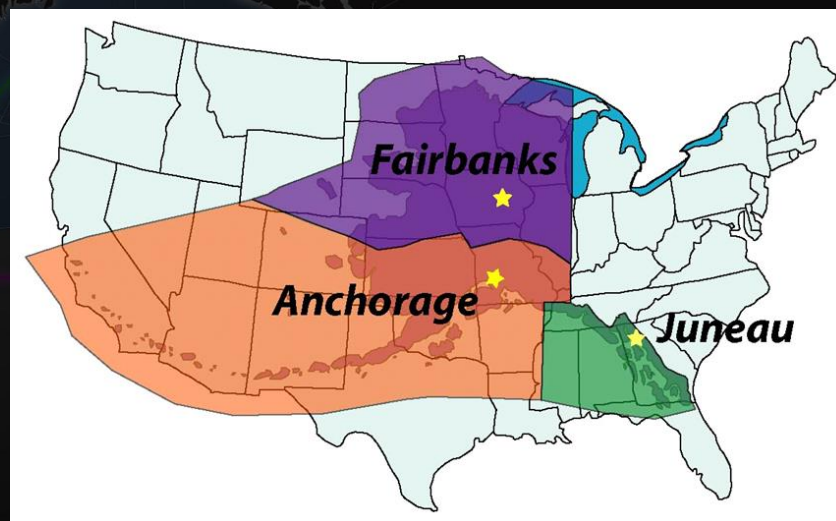


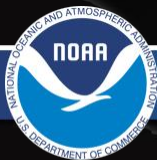
# Weather Forecast Offices

- Public Forecasts for the next 7 days.
  - Sky conditions, precipitation, and wind
  - Watches, warnings, and advisories for defined criteria
- Marine Forecasts for the next 5 days.
  - Winds and wave heights
  - Marine warnings
- Terminal Aerodrome Forecasts (TAFs) for the next 24-30 hours
  - Airport specific forecasts

- Other Duties:

- Fire Weather
- Flood products
- Tsumani
- Sea Ice
  - (Anchorage only)
- TV and Radio Broadcasts
  - (Anchorage only)
- Data collection





## Anchorage WFO staffing

31 total forecasters

### Management

- Meteorologist in Charge
- Science and Operations Officer
- Warning Coordination Meteorologist
- Electronics Systems Analyst

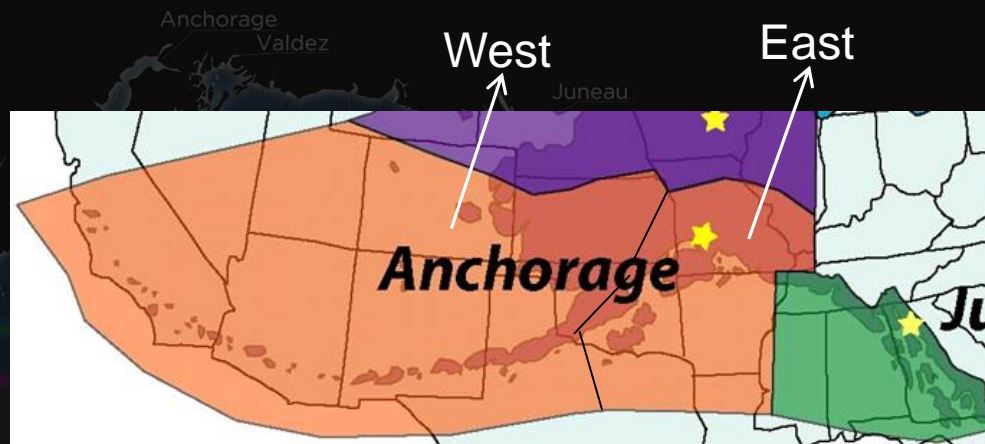
### Forecasters

- 5 Lead Meteorologists
- 15 General Forecasters
- 5 Intern/HMT's
- Hydrologist and Observation Program Leader
- IT support and admin staff
- Electronics Technicians

• Staffed 24/7/365

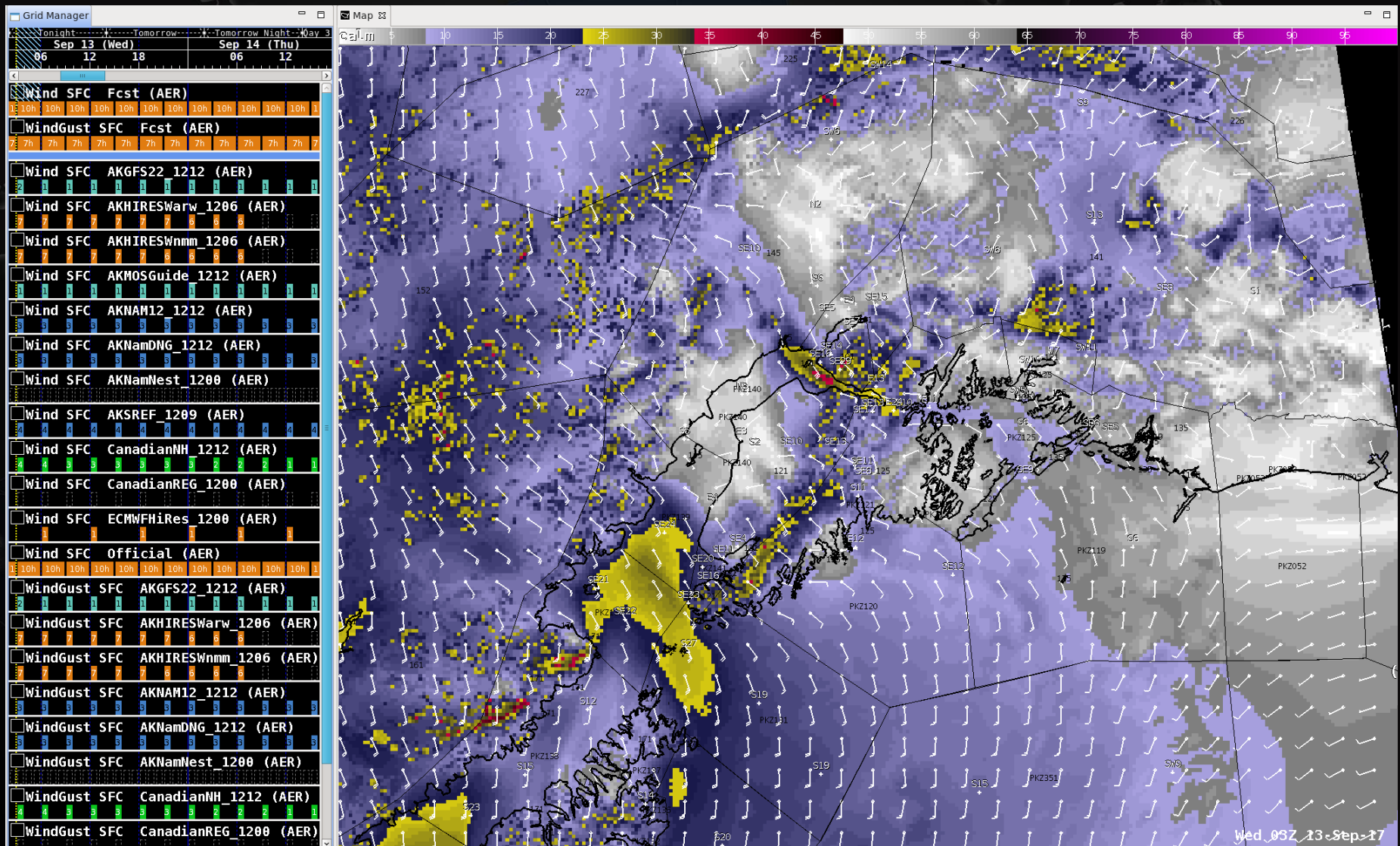
• 12 shifts/day

- 3 Lead shifts
- 2 East/West Short Term Forecast
- Mid Term Forecast
- Long Term Forecast

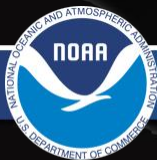




# Gridded Forecast Process

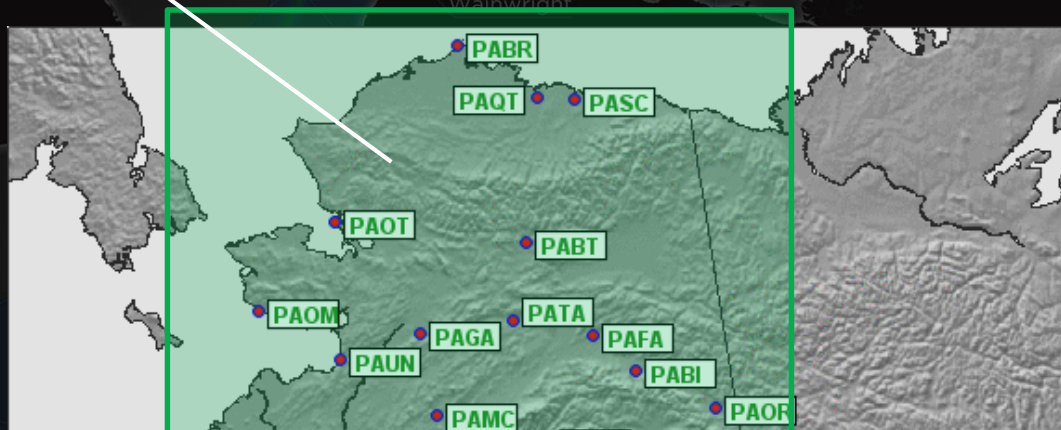




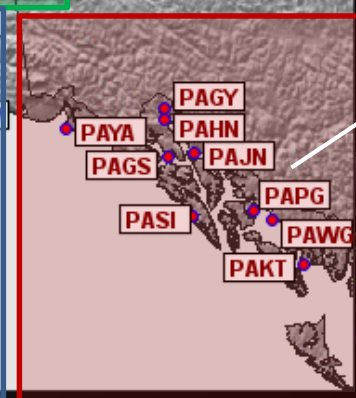
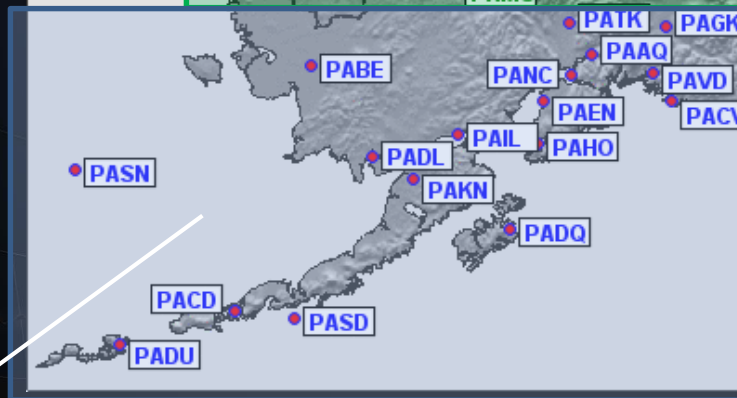


# TAF Areas of Responsibility

**Fairbanks WFO**  
(907) 458-3700



**Juneau WFO**  
(907) 790-6800



**Anchorage WFO**  
(907) 266-5167



# TAF Operations (AvnFPS)

## Forecast monitor

AvnFPS Monitor

File Options Help

TAF Editor Climate Plot Backup Queue

	Current Observation	1-h Persistence	ltg	llws	Editor	Shortcuts
PANC	TAF 15:09 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAAQ	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PATK	TAF 11:44 MTR 16:40 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAEN	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAHO	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PADQ	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PACV	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAVD	TAF 15:10 MTR 16:47 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAGK	TAF 15:19 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PABE	TAF 14:14 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PADL	TAF 15:18 MTR 15:56 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAIL	TAF 11:44 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PAKN	TAF 11:58 MTR 15:54 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PACD	TAF 15:11 MTR 16:17 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PASD	TAF 12:56 MTR 16:04 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PADU	TAF 11:44 MTR 15:56 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor
PASN	TAF 12:02 MTR 15:53 tpo vis wnd wx cig cat	vis wnd wx cig cat	ts	ws	Amd	Rtd Cor

AvnFPS TAF Editor

File Options Edit Help

## Forecast editor

Viewer Editor

Load Syntax QC Send Save Restore

PANC

FTAK31 PANC 121509 Rtn Amd Rtd Cor Clear

TAF  
PANC 121509Z 1215/1318 16011KT P6SM SCT045 OVC090  
TEMPO 1215/1218 17012G20KT BKN045  
FM121800 15015G23KT P6SM OVC050  
FM122300 14018G32KT P6SM -RA BKN050  
FM130600 14020G33KT P6SM -RA OVC035 =

TAF  
PAAQ 121144Z 1212/1312 15006KT P6SM SCT025 BKN050  
FM122100 14018G28KT P6SM VCSH BKN050 =

TAF  
PATK 121144Z 1212/1312 18010KT P6SM SCT015 BKN040  
FM130000 18010KT 5SM -RA OVC020 =

Tools: AdjustTimes Apply Insert Wrap

Site ID: PANC Flight Categories: VFR MVFR IFR LIFR

Metars GFS-MOS TAF/LAMP GFS/LAMP NAM-MOS NAM DMO NDFF Grids

All Routine Format: table long short Flight Categories Probabilities

GFS/LAMP Guidance 09/12/17 1600 UTC

TAF AMD  
PANC 121649Z 1217/1318 13008KT P6SM SCT250  
FM121800 13009KT P6SM SCT250  
FM121900 14011G19KT P6SM SCT250  
FM122000 15011G20KT P6SM SCT250  
FM122100 15013G22KT P6SM BKN100  
FM122200 15013G22KT P6SM BKN100  
FM122300 15013G22KT P6SM OVC050  
FM130000 15013G22KT P6SM OVC050  
FM130100 15015G24KT P6SM OVC050  
FM130200 15016G26KT P6SM OVC050 PROB30 1302/1303 P6SM -RA OVC050  
FM130300 15017G27KT P6SM OVC050 PROB30 1303/1304 P6SM -RA OVC050  
FM130400 14017G28KT P6SM -RA OVC050  
FM130500 14017G28KT P6SM -RA OVC050  
FM130600 14018G28KT P6SM -RA OVC050  
FM130700 15019G28KT P6SM -RA OVC050  
FM130800 15020G29KT P6SM -RA OVC050  
FM130900 16021G30KT P6SM -RA OVC050  
FM131000 16022G32KT P6SM -RA OVC050



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