

NATIONAL WEATHER SERVICE
ALASKA REGION
REGIONAL OPERATIONS CENTER

Arctic Transit Situational Awareness
Weather Briefing

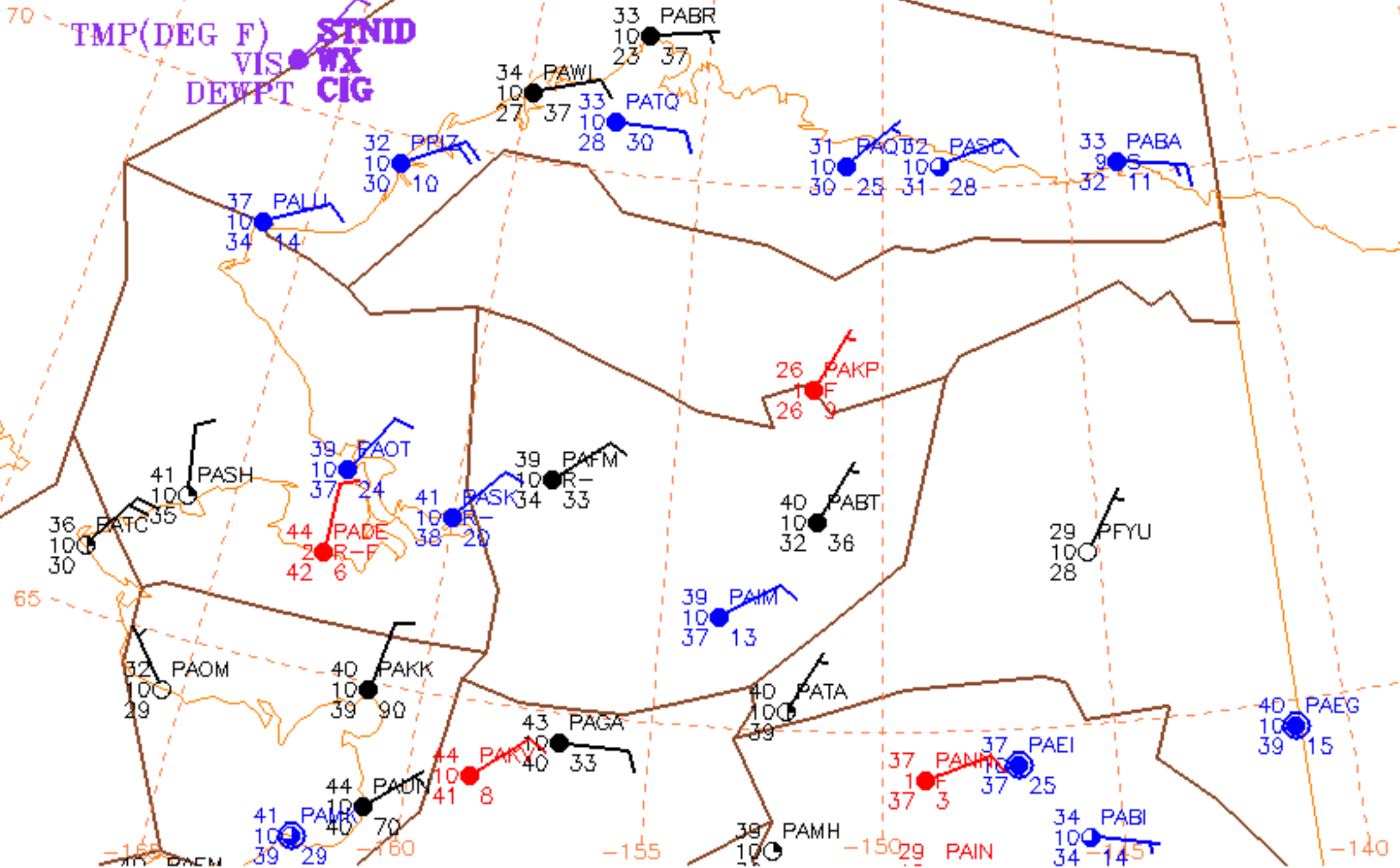
Today and Tomorrow

Created: Thu Sep 21 2017 14:56Z



The following slides were assembled through automation.
Please check the valid dates and times to ensure that they are current.



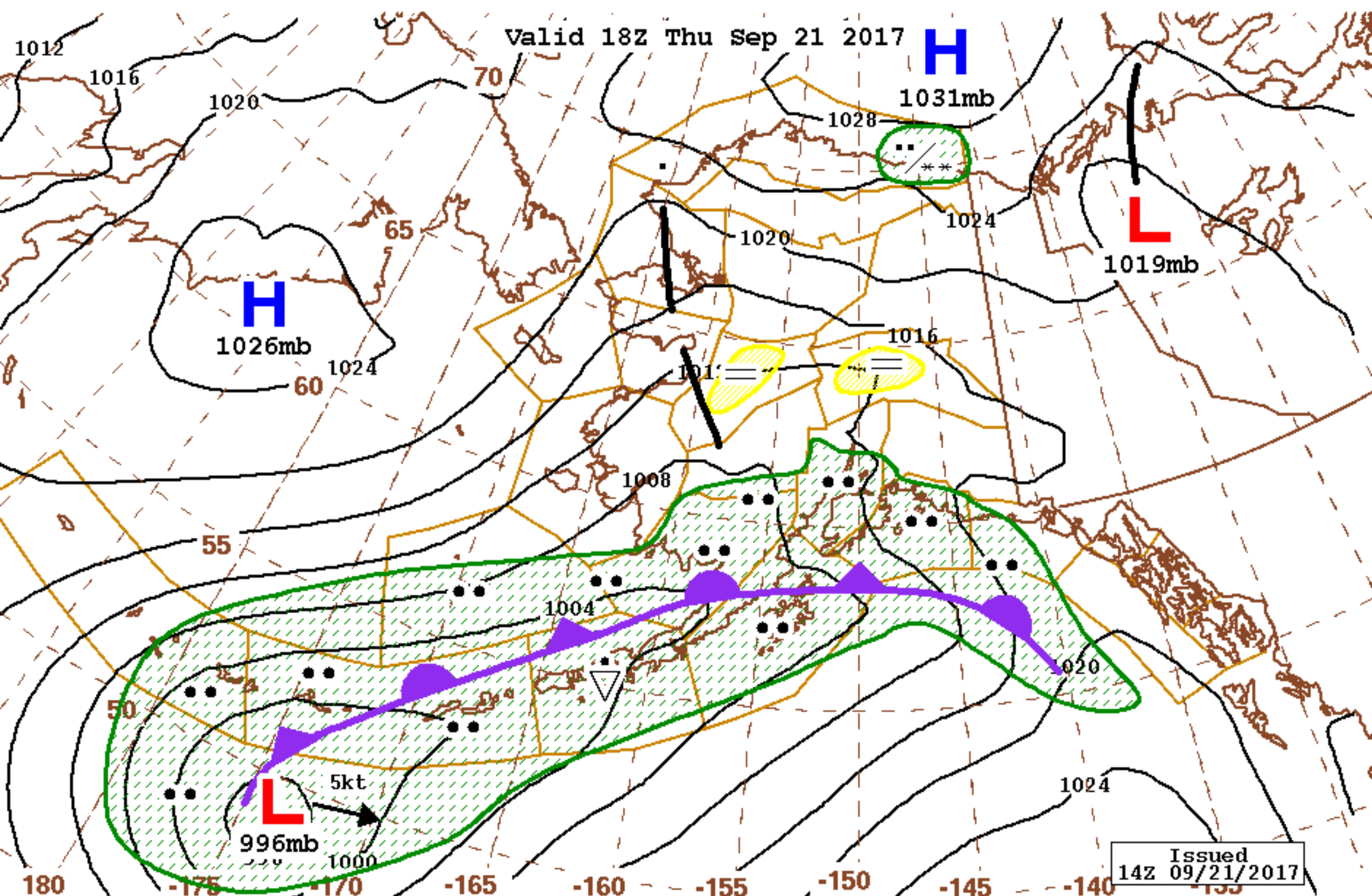


SURFACE OBSERVATIONS - VALID 14Z Thu 09/21/2017

Red=IFR
 Blue=MVFR
 Black=VFR

Valid 18Z Thu Sep 21 2017

H



Issued
14Z 09/21/2017



NOAA - NWS

Alaska Aviation Weather Unit

SURFACE CHART



PRECIPITATION



FOG



SCATTERED
THUNDERSTORMS



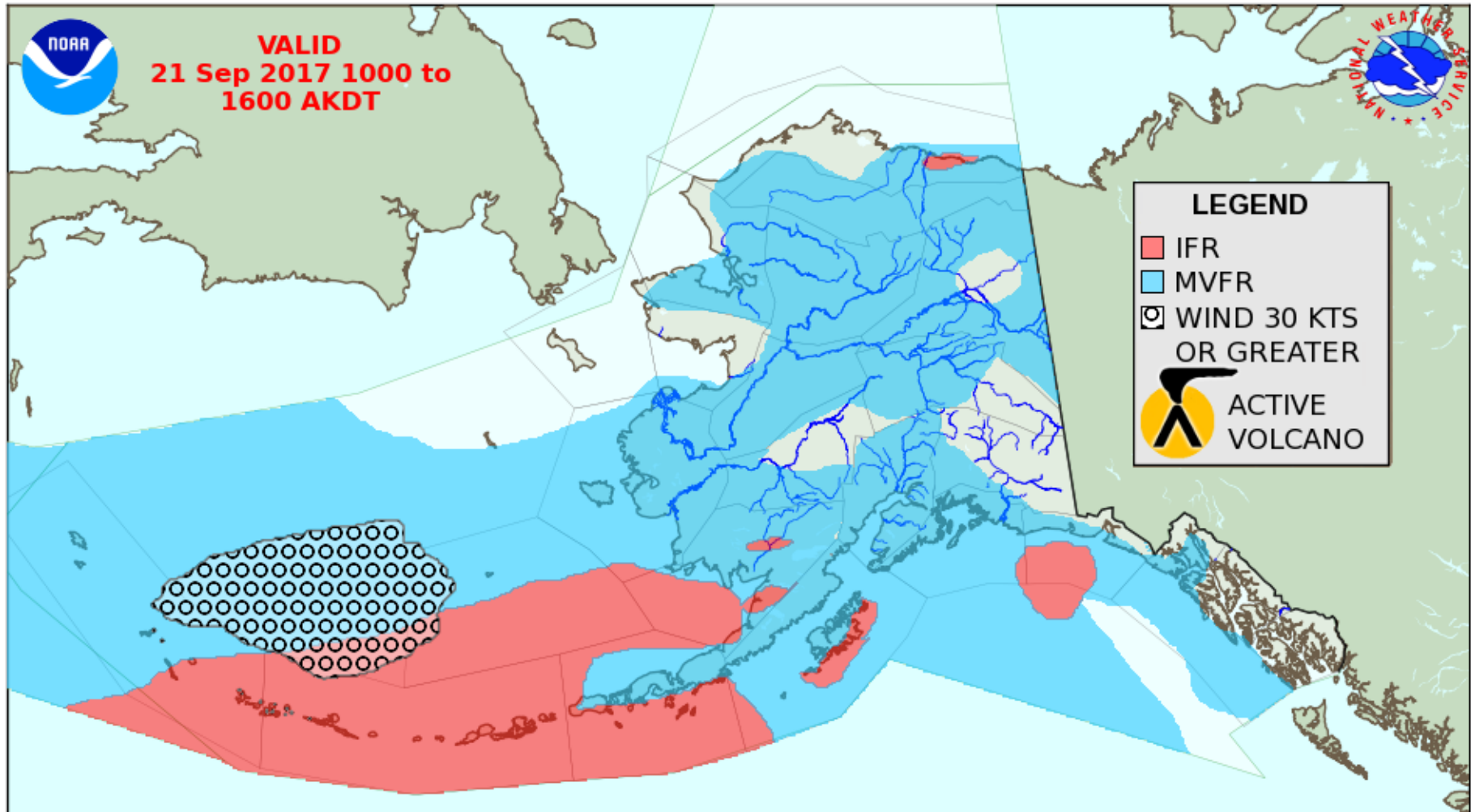


VALID
21 Sep 2017 1000 to
1600 AKDT



LEGEND

- IFR
- MVFR
- WIND 30 KTS OR GREATER
- ACTIVE VOLCANO



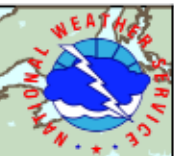
VALID
21 Sep 2017 1800 to
22 Sep 2017 0000 UTC

FLYING WEATHER
NOAA - NWS ALASKA AVIATION WEATHER UNIT

ISSUED
21 Sep 2017
05 AM AKDT

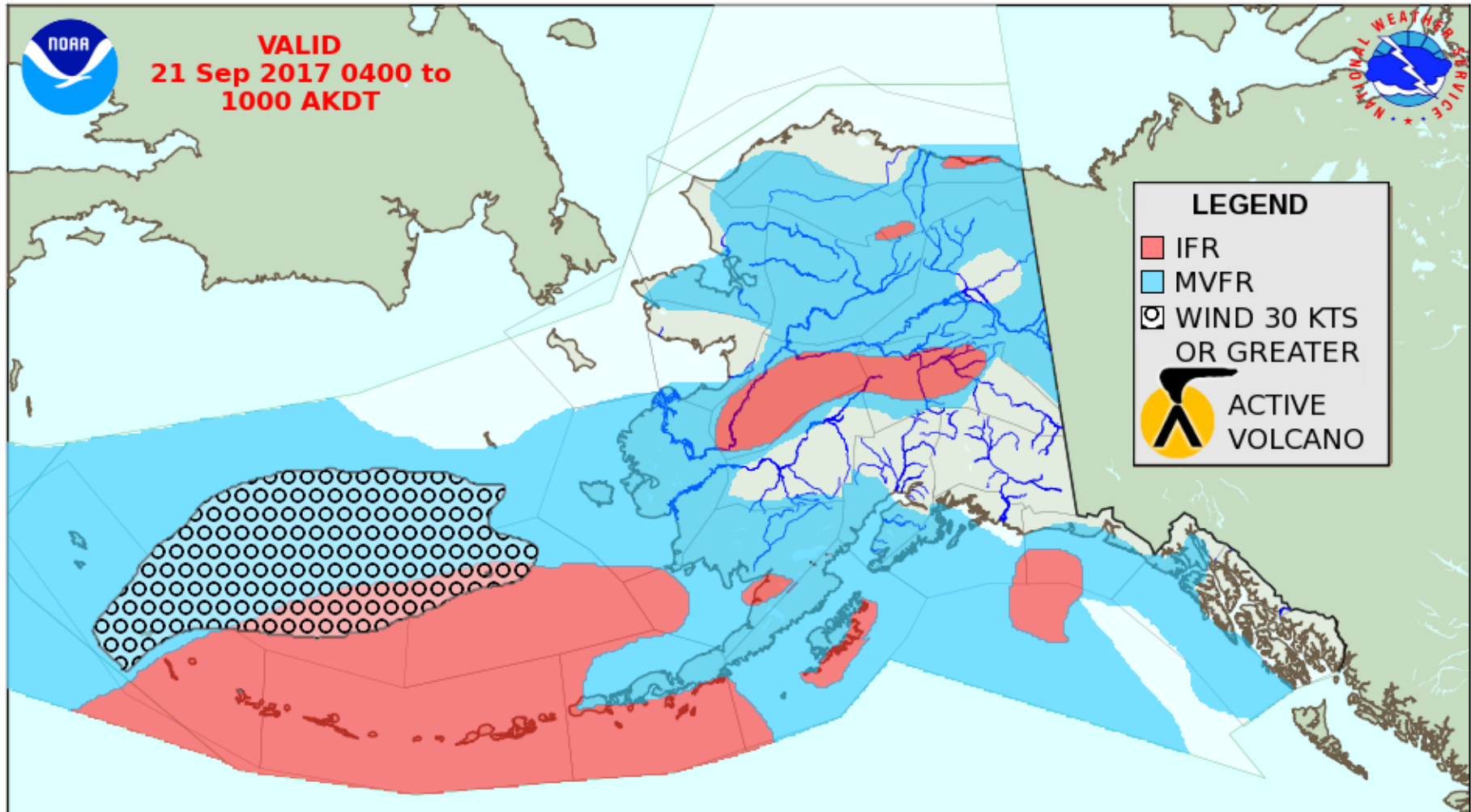


VALID
21 Sep 2017 0400 to
1000 AKDT



LEGEND

- IFR
- MVFR
- WIND 30 KTS OR GREATER
- ACTIVE VOLCANO



VALID
21 Sep 2017 1200 to
1800 UTC

FLYING WEATHER
NOAA - NWS ALASKA AVIATION WEATHER UNIT

ISSUED
21 Sep 2017
05 AM AKDT



VALID
21 Sep 2017
0900 AKDT



LEGEND

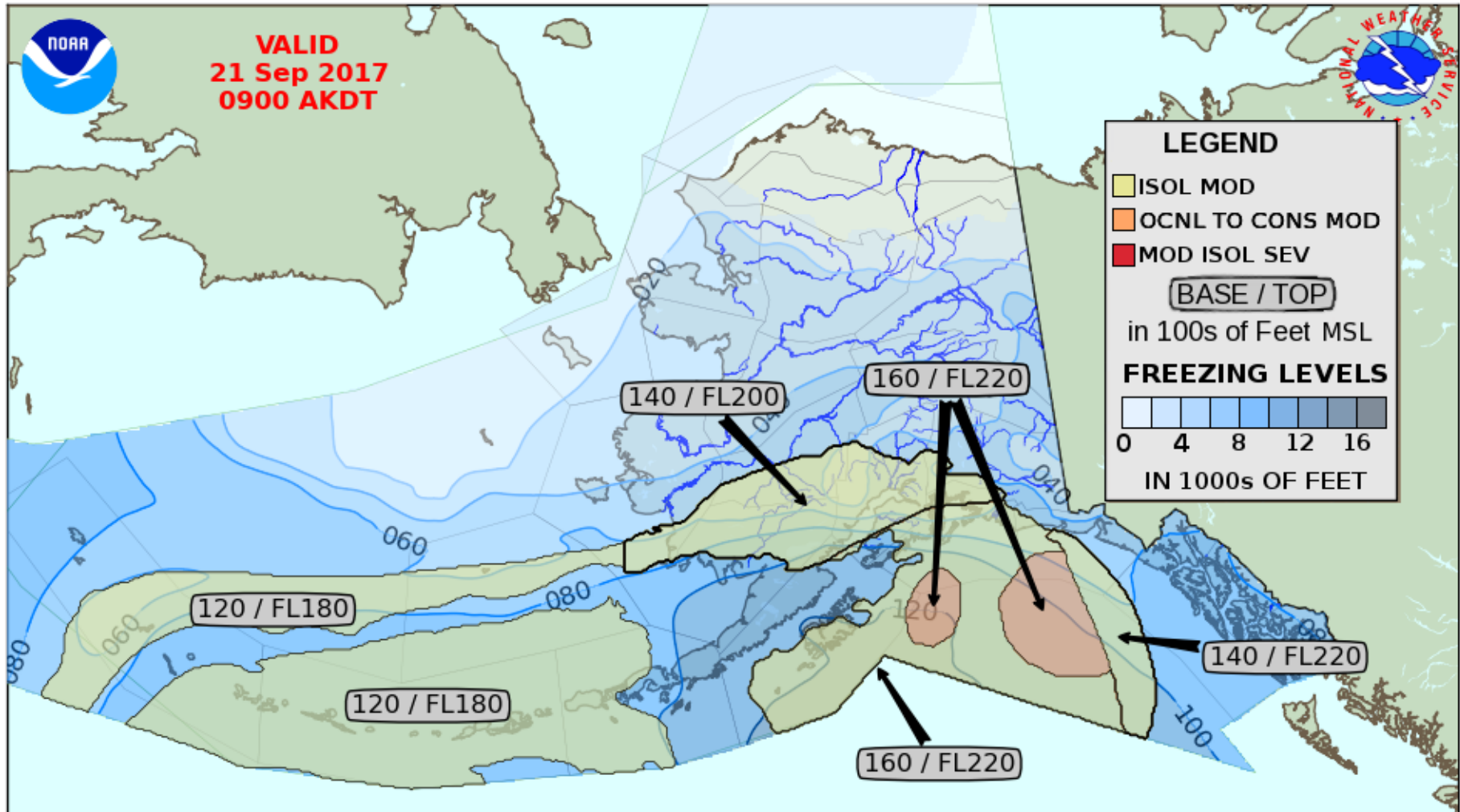
- ISOL MOD
- OCNL TO CONS MOD
- MOD ISOL SEV

BASE / TOP
 in 100s of Feet MSL

FREEZING LEVELS

0	4	8	12	16		

IN 1000s OF FEET



VALID
21 Sep 2017
1700 UTC

ICING FORECAST
NOAA - NWS ALASKA AVIATION WEATHER UNIT

ISSUED
21 Sep 2017
04 AM AKDT



VALID
21 Sep 2017
1500 AKDT



LEGEND

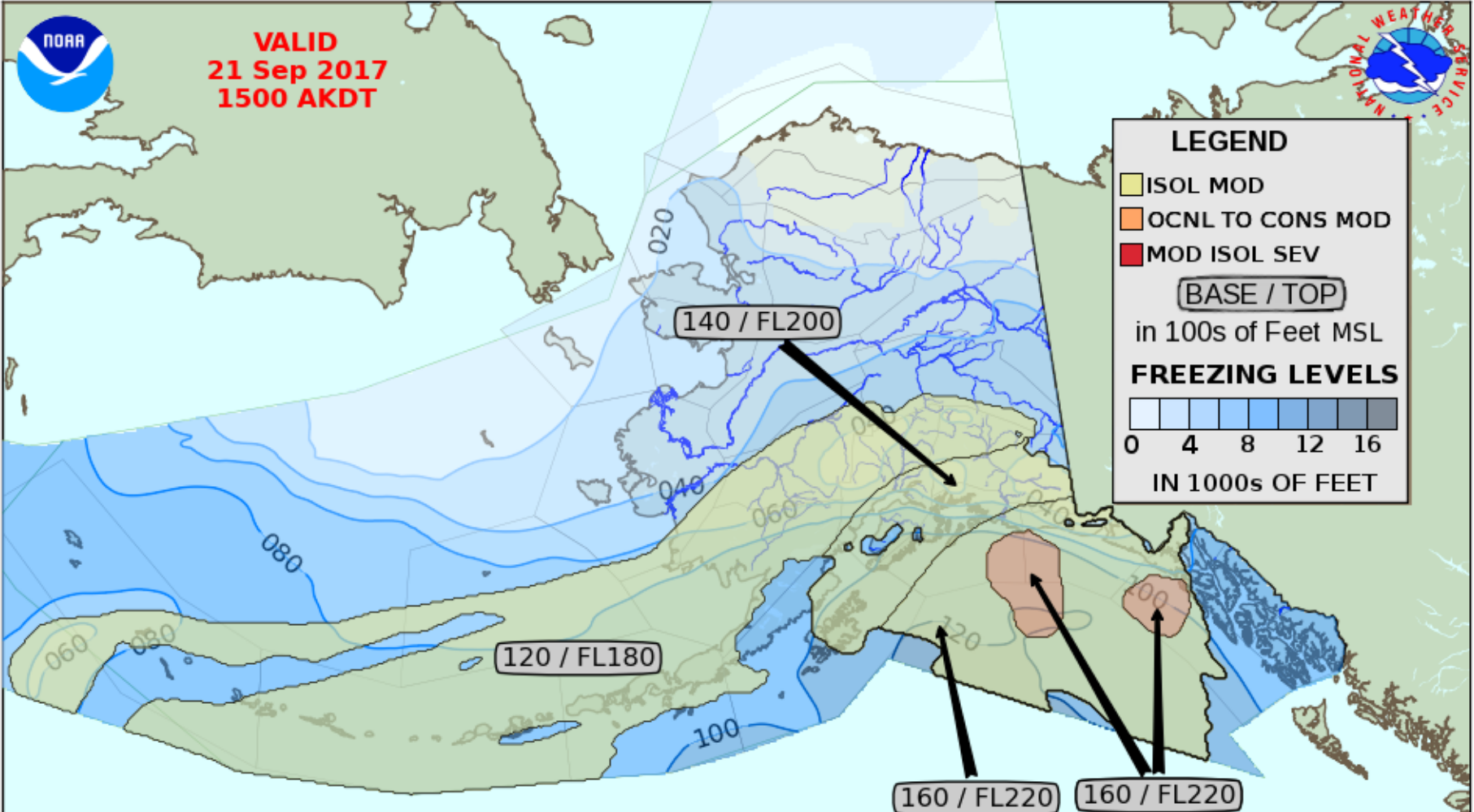
- ISOL MOD
- OCNL TO CONS MOD
- MOD ISOL SEV

BASE / TOP
 in 100s of Feet MSL

FREEZING LEVELS

0	4	8	12	16

IN 1000s OF FEET



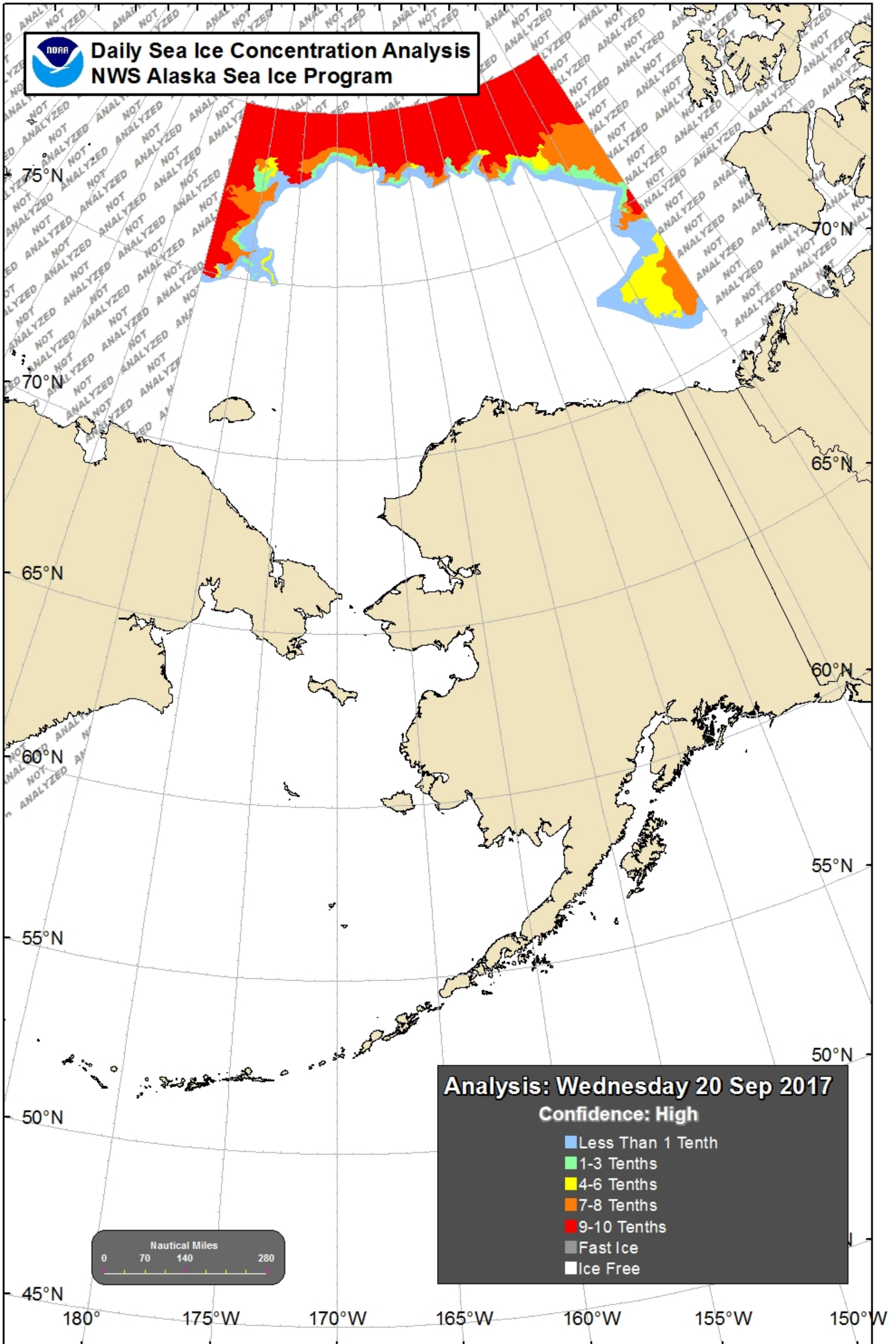
VALID
21 Sep 2017
2300 UTC

ICING FORECAST
NOAA - NWS ALASKA AVIATION WEATHER UNIT

ISSUED
21 Sep 2017
04 AM AKDT

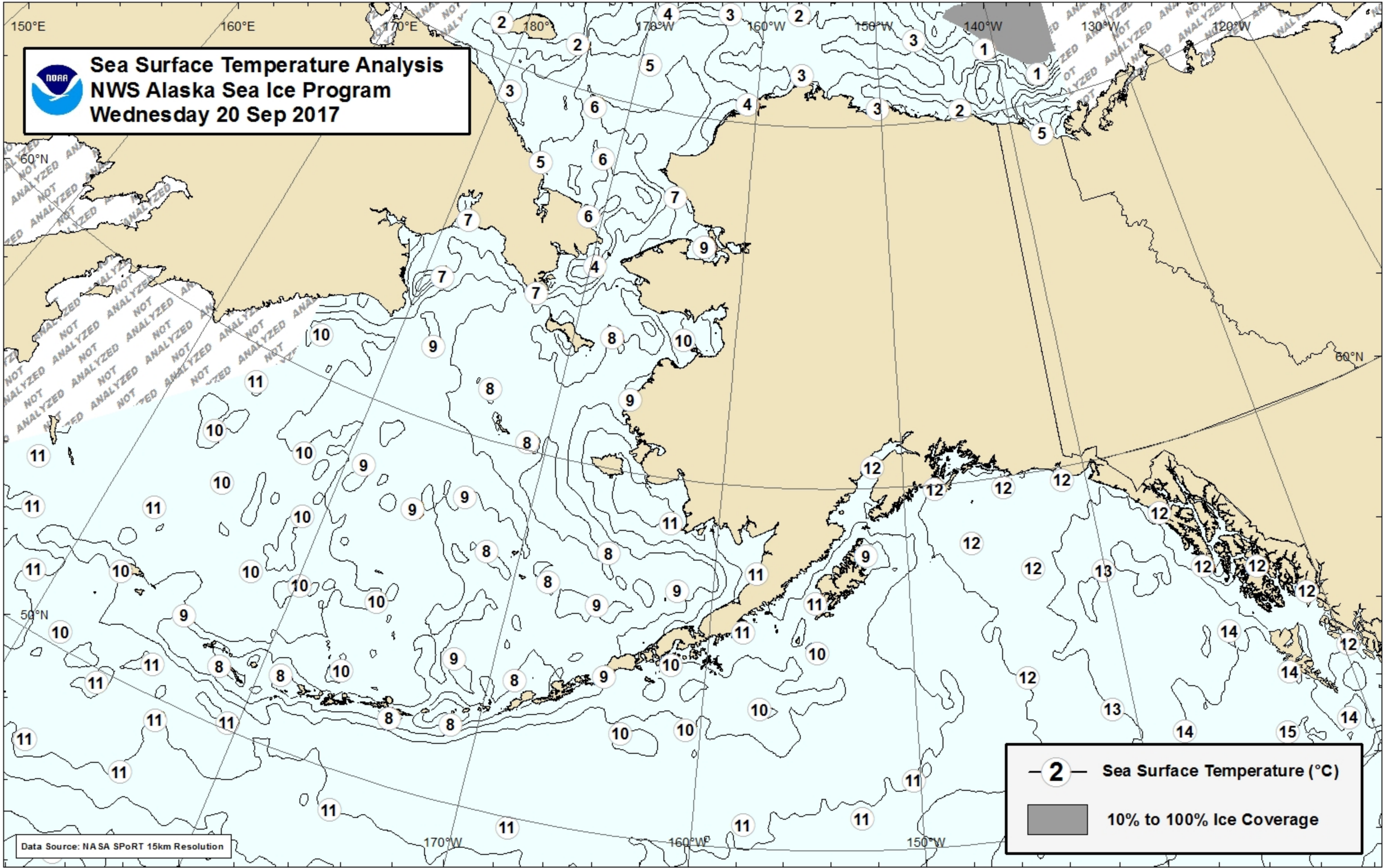


Daily Sea Ice Concentration Analysis NWS Alaska Sea Ice Program





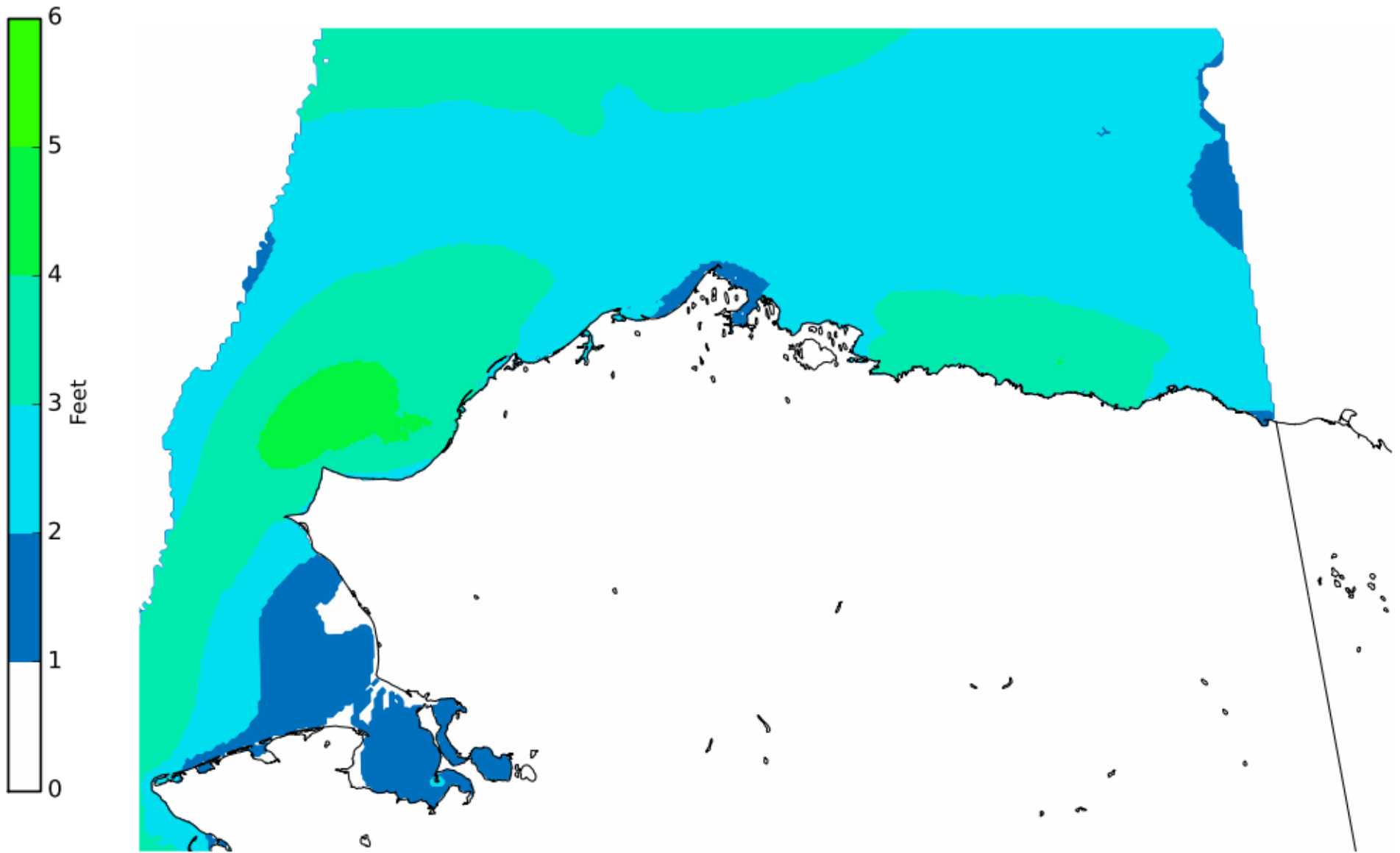
Sea Surface Temperature Analysis
NWS Alaska Sea Ice Program
Wednesday 20 Sep 2017



Data Source: NASA SPoRT 15km Resolution

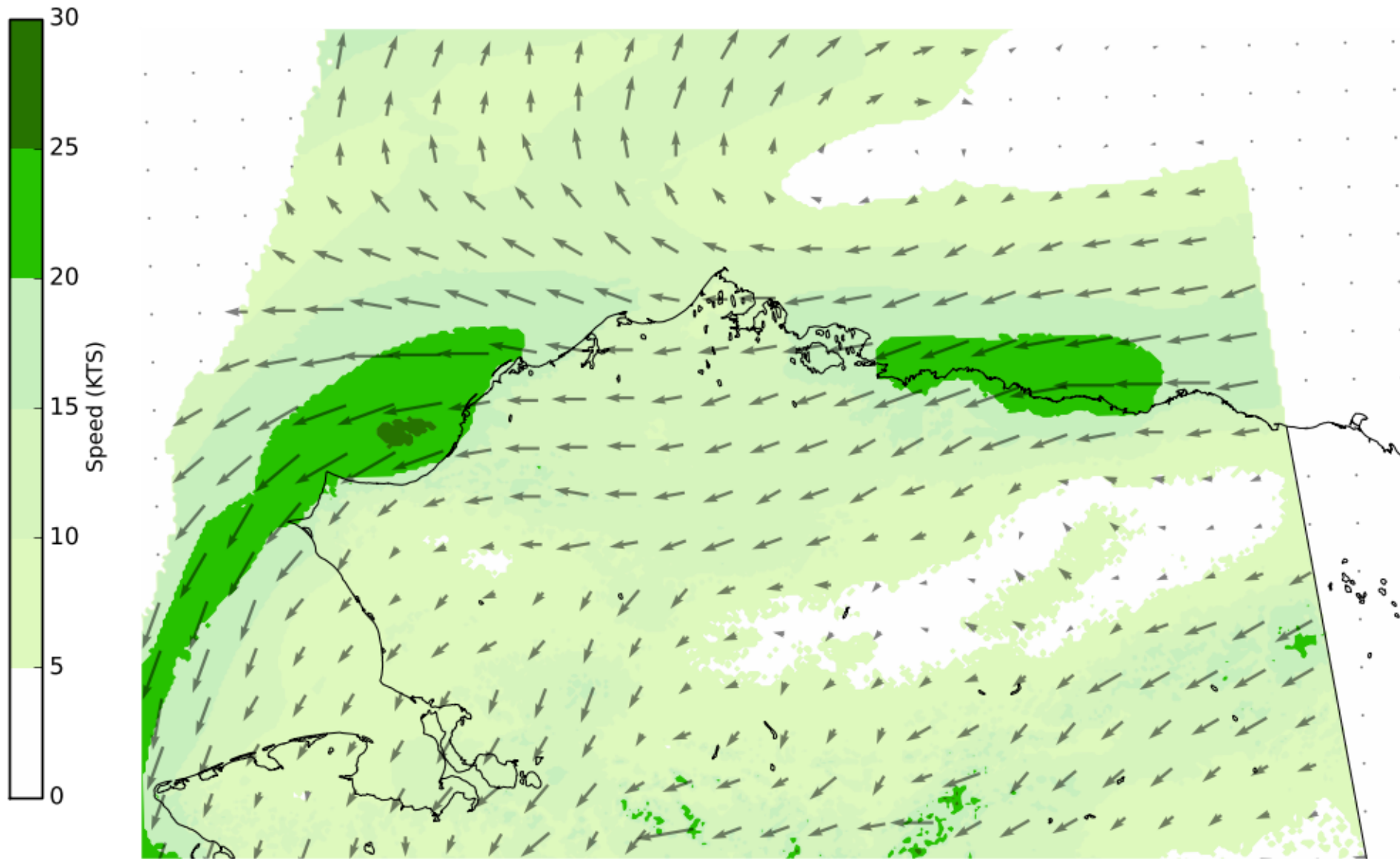
Wave Heights

Valid: Thursday, September 21, 2017 at 10 AM AKDT



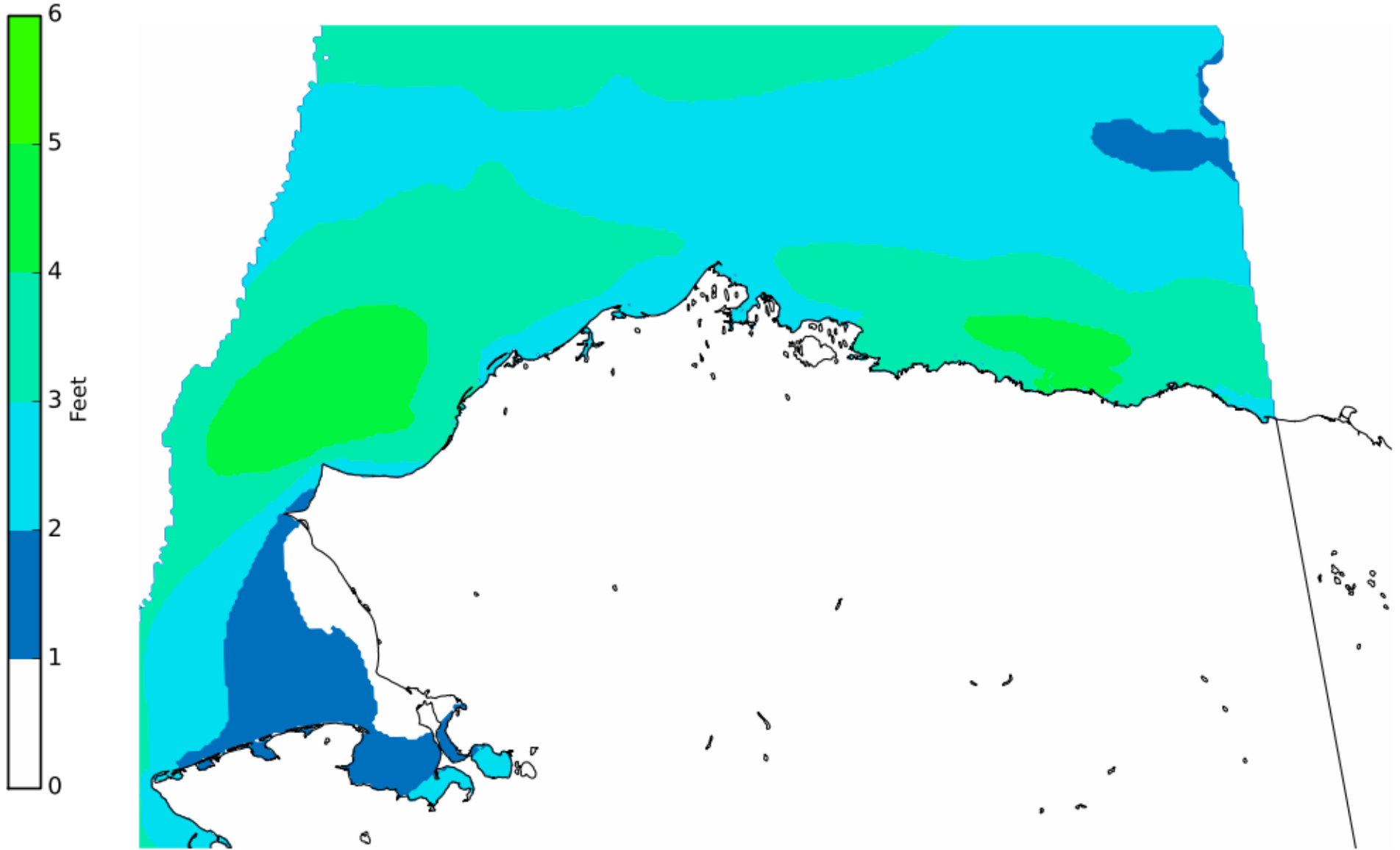
Wind

Valid: Thursday, September 21, 2017 at 10 AM AKDT



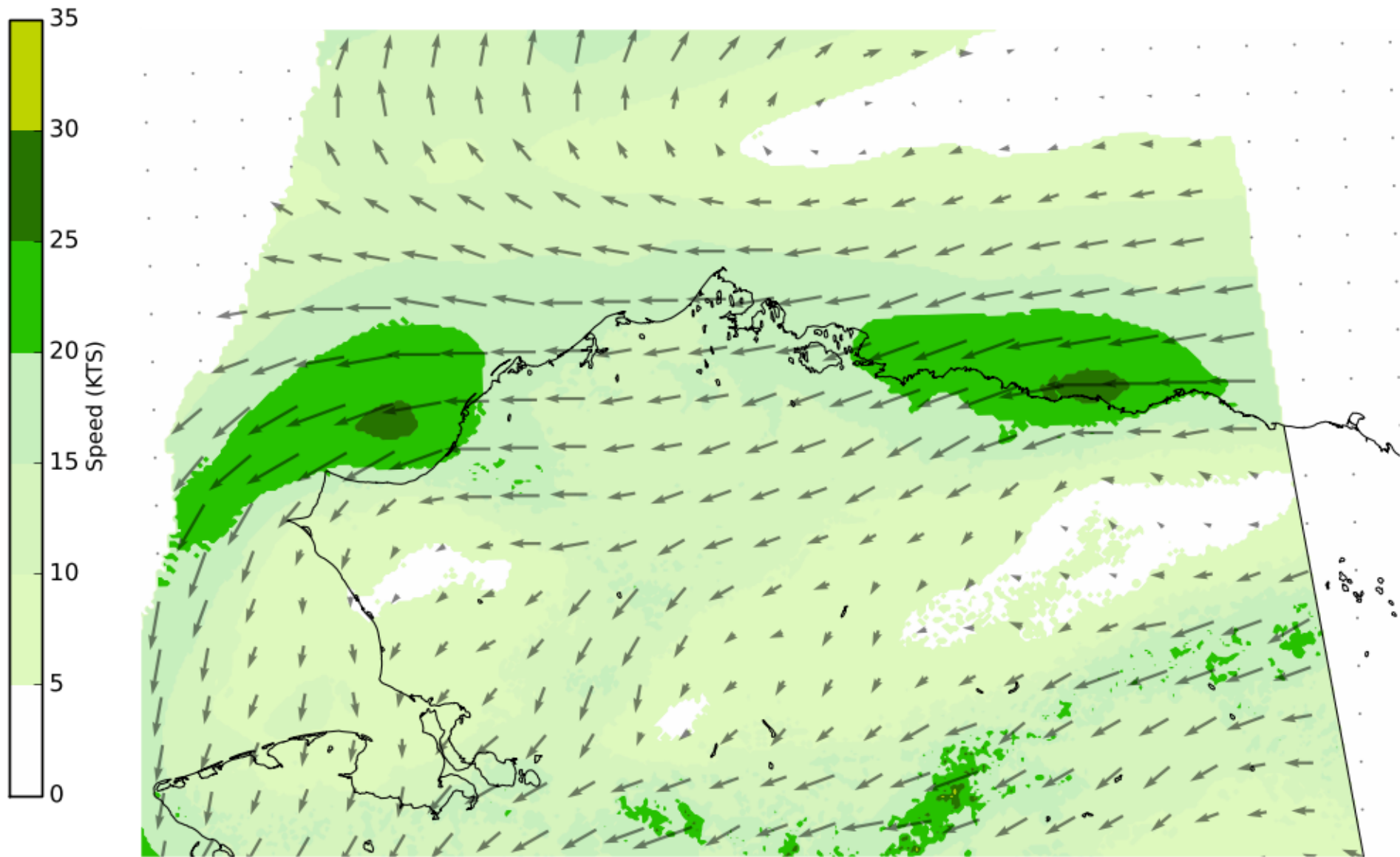
Wave Heights Thursday Evening

Valid: 09/21/2017 04:00 PM - 09/21/2017 07:00 PM AKDT



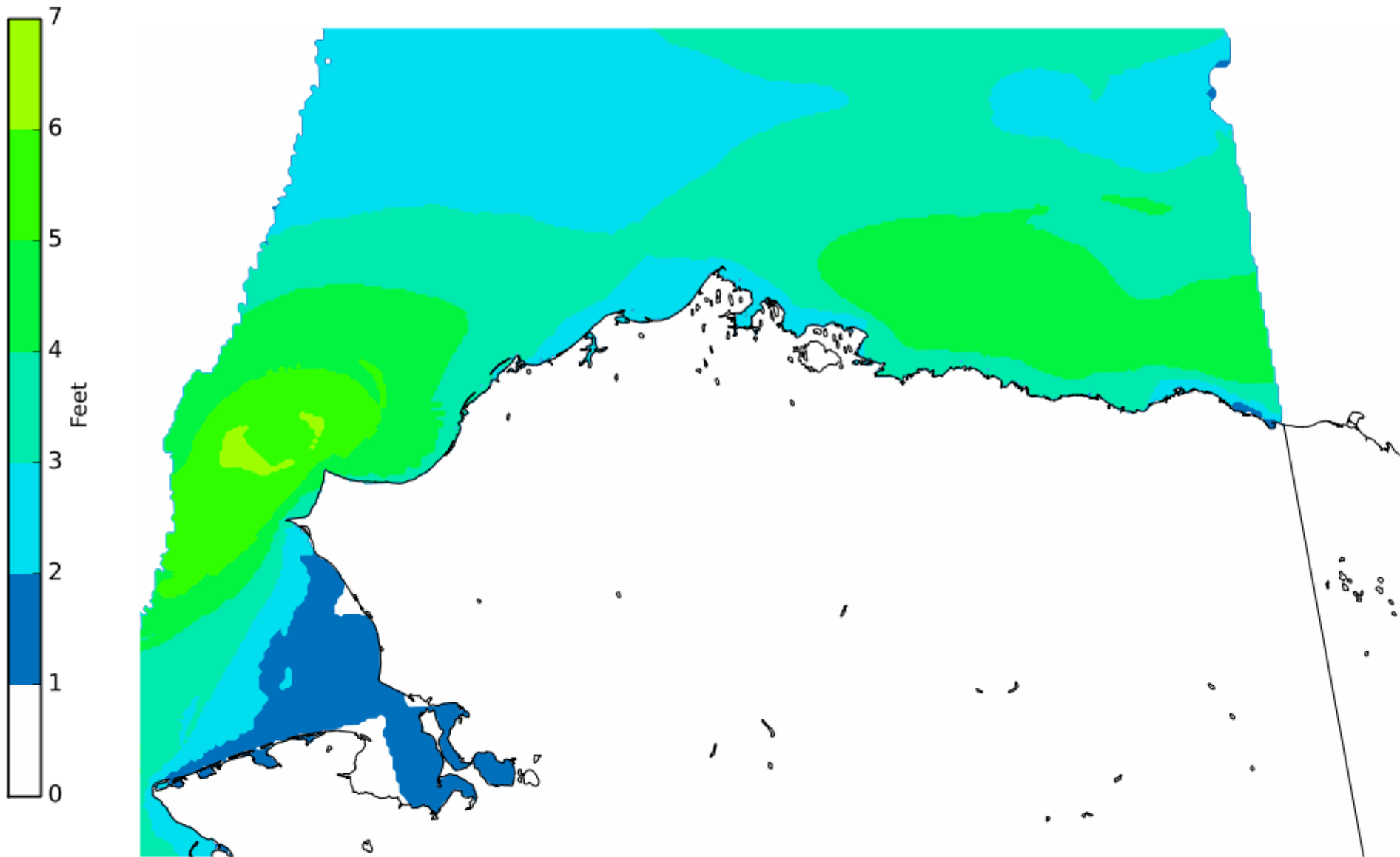
Wind Thursday Evening

Valid: 09/21/2017 04:00 PM - 09/21/2017 07:00 PM AKDT



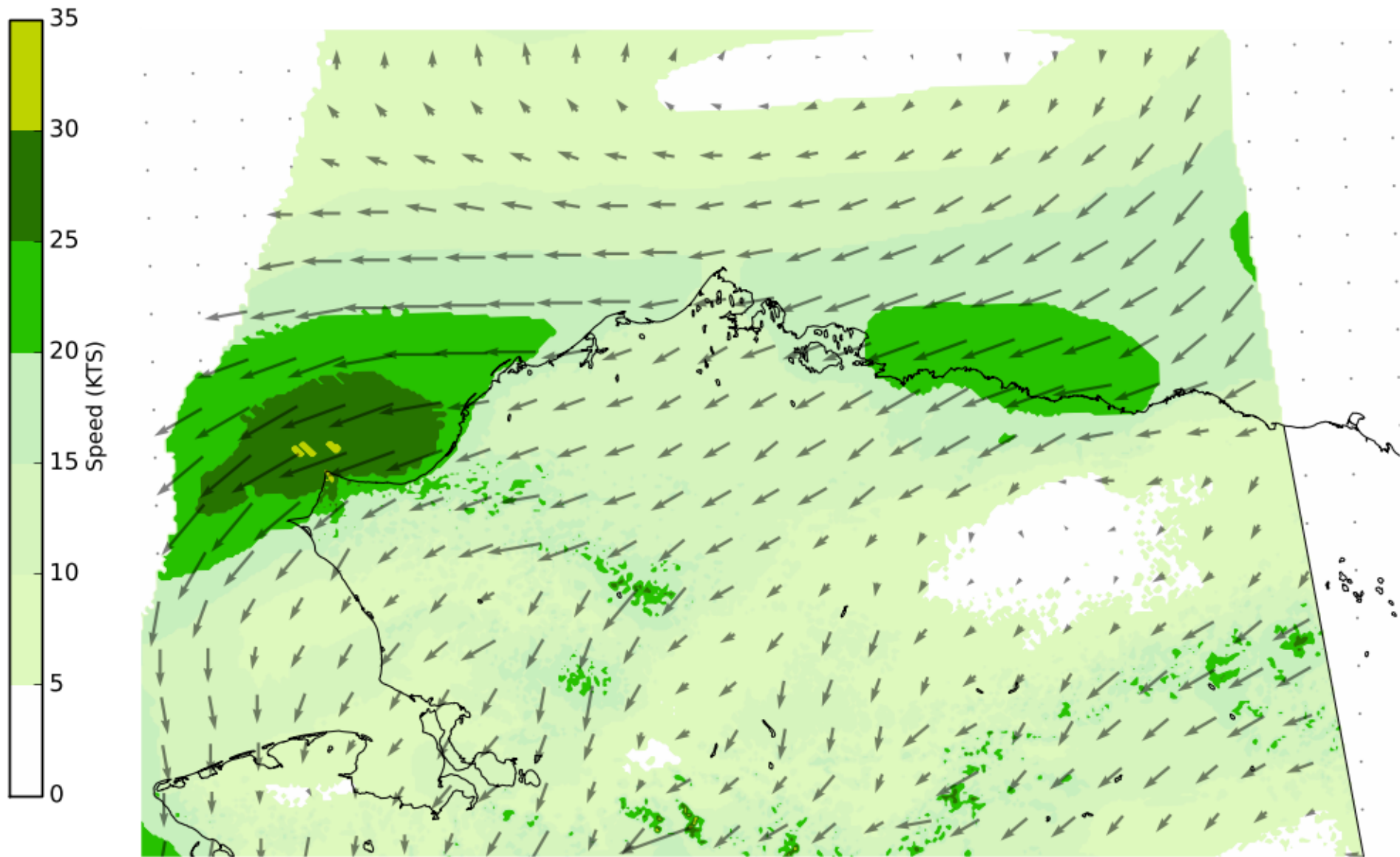
Wave Heights Friday Morning

Valid: 09/22/2017 07:00 AM - 09/22/2017 10:00 AM AKDT

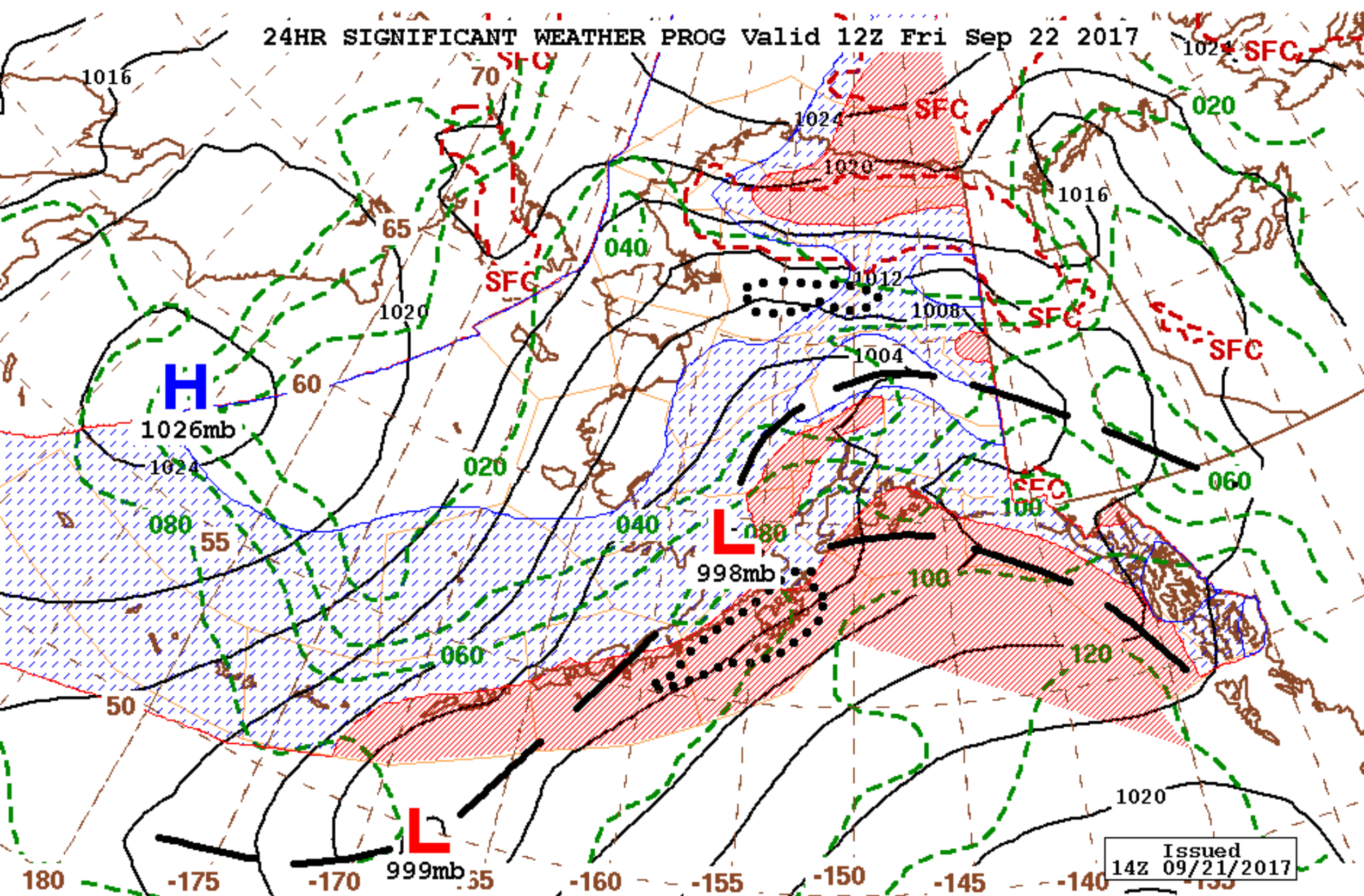


Wind Friday Morning

Valid: 09/22/2017 07:00 AM - 09/22/2017 10:00 AM AKDT



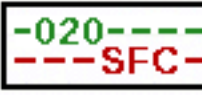
24HR SIGNIFICANT WEATHER PROG Valid 12Z Fri Sep 22 2017



Issued
14Z 09/21/2017



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FREEZING LEVELS



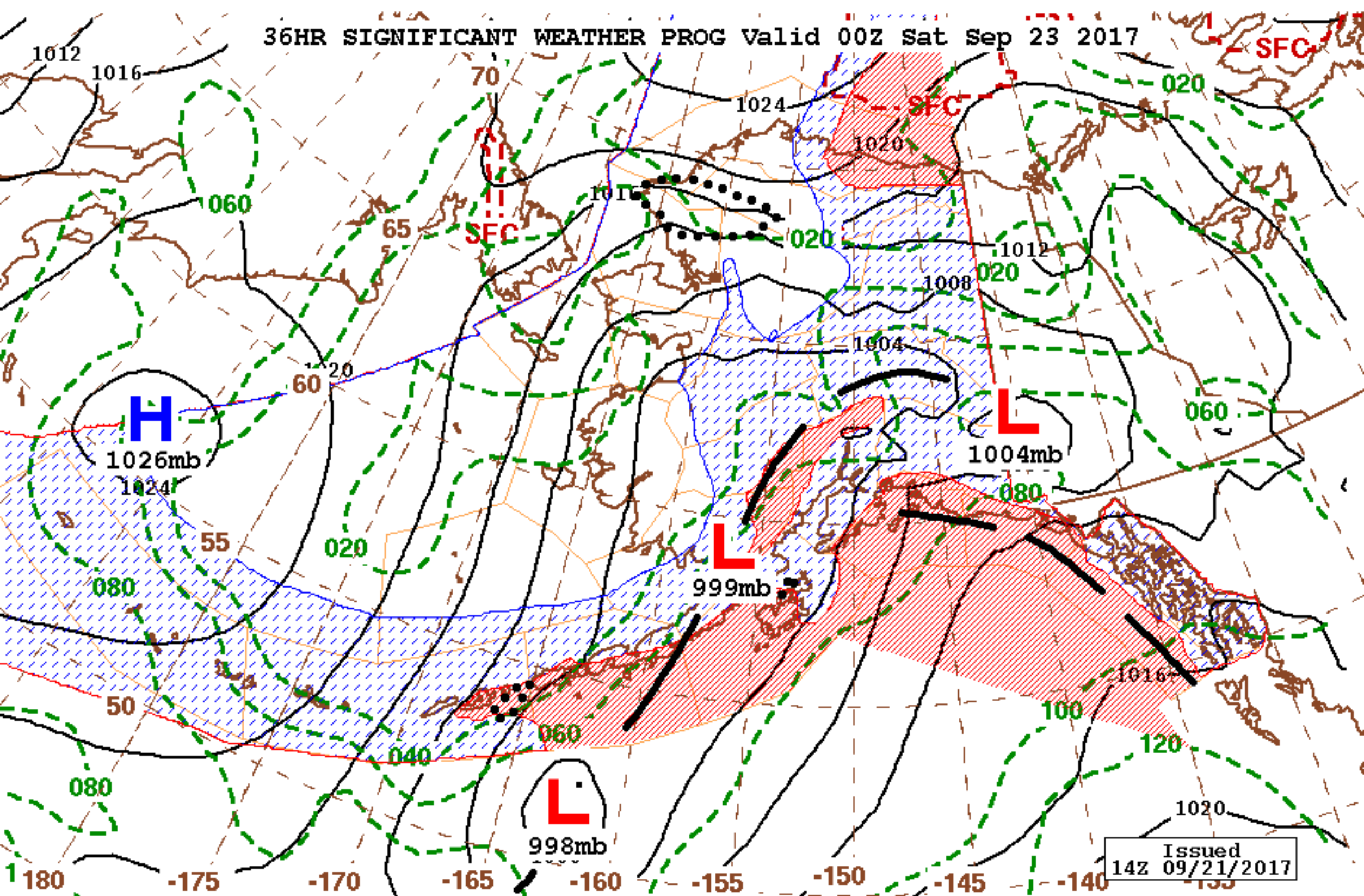
LOW LEVEL TURBULENCE



THUNDERSTORMS

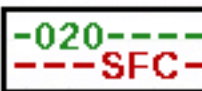


36HR SIGNIFICANT WEATHER PROG Valid 00Z Sat Sep 23 2017



Issued
14Z 09/21/2017

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IFR

MVFR

-020-
-SFC-

FREEZING
LEVELS

LOW LEVEL
TURBULENCE

TS

SIGNIFICANT WEATHER

THUNDER-
STORMS

