

**NATIONAL WEATHER SERVICE**  
**ALASKA REGION**  
**REGIONAL OPERATIONS CENTER**

**Arctic Transit Situational Awareness**  
**Weather Briefing**

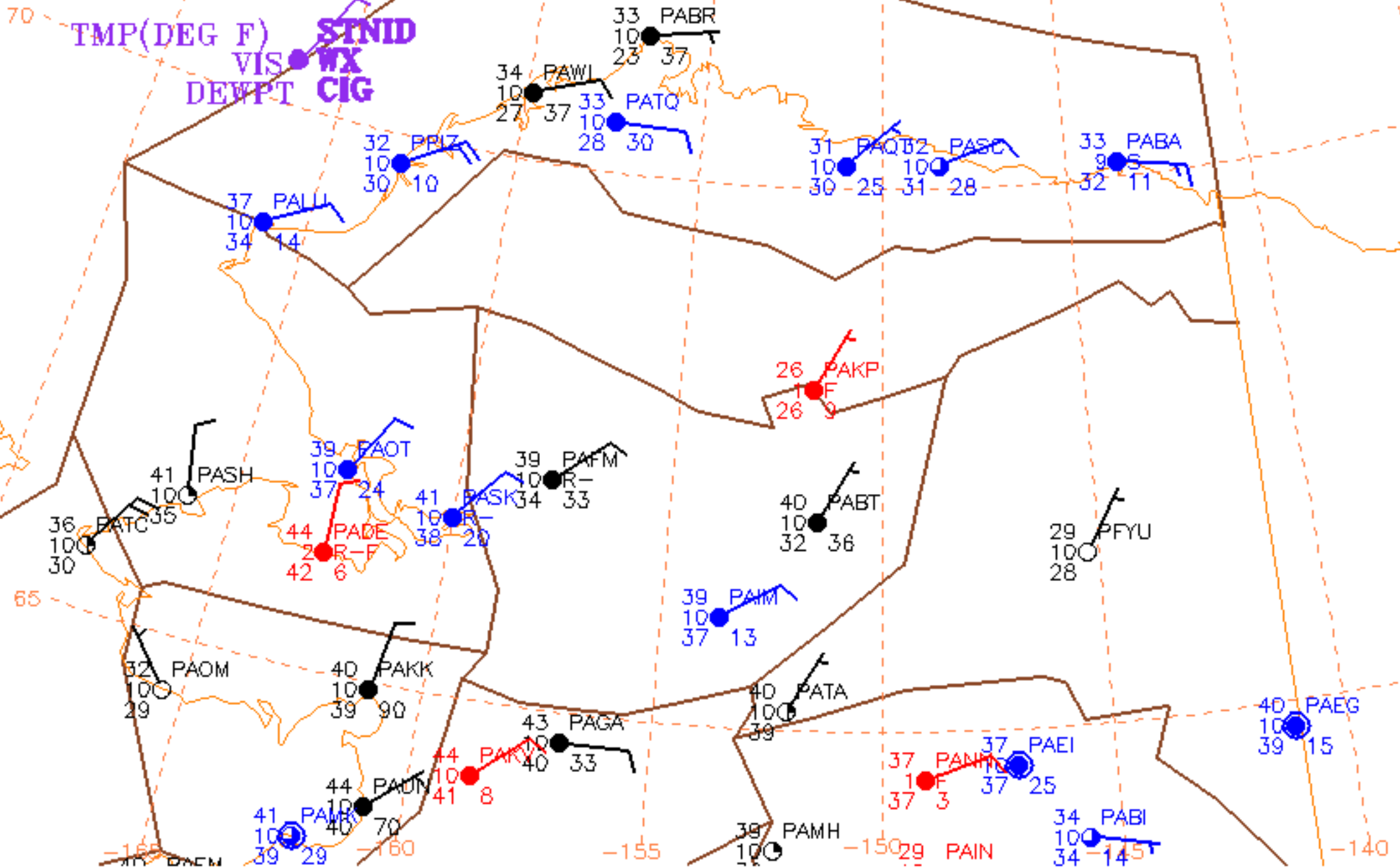
Today and Tomorrow

Created: Thu Sep 21 2017 14:56Z



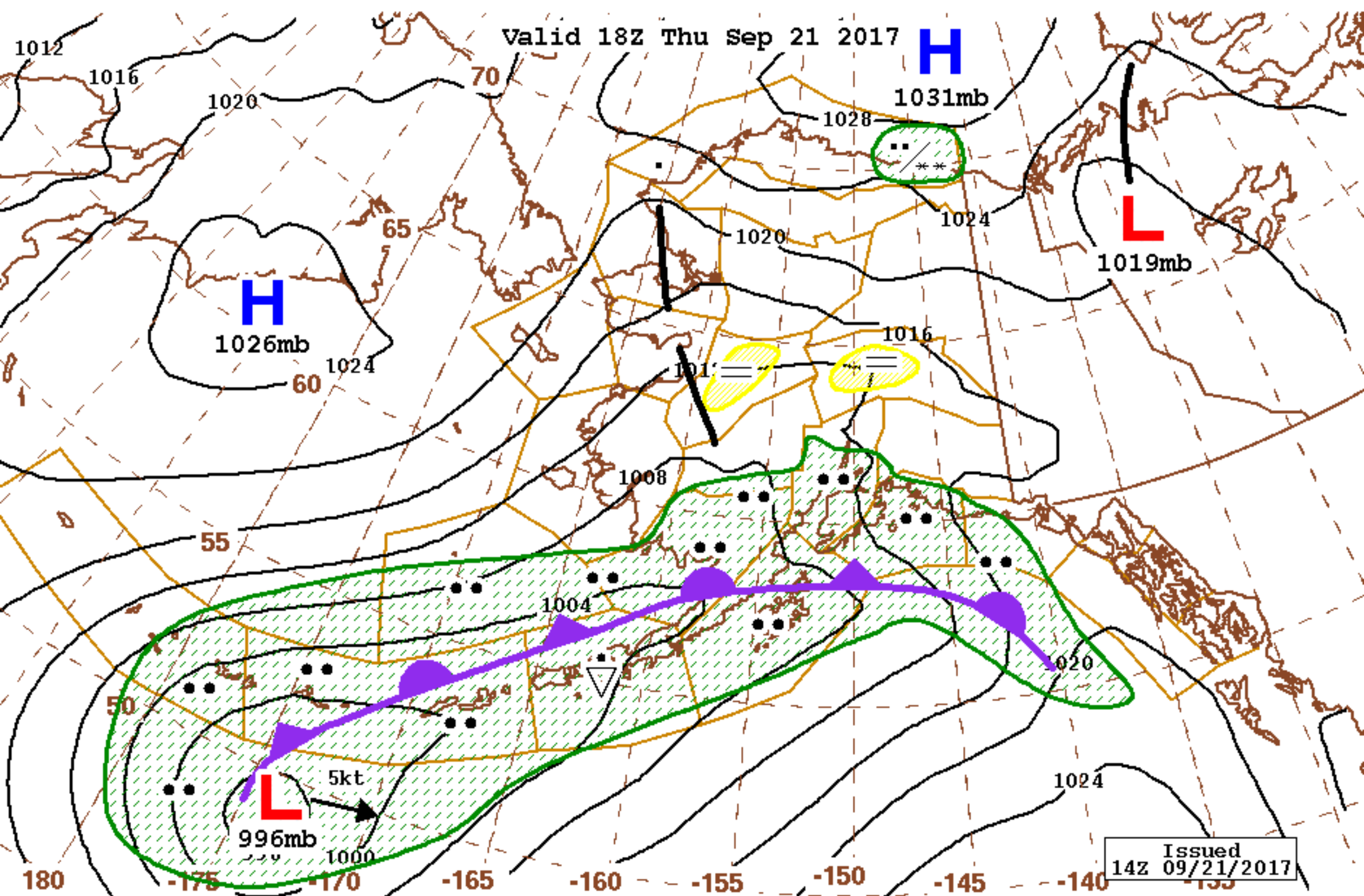
The following slides were assembled through automation.  
Please check the valid dates and times to ensure that they are current.





Valid 18Z Thu Sep 21 2017

H



Issued 14Z 09/21/2017



NOAA - NWS

Alaska Aviation Weather Unit

SURFACE CHART



PRECIPITATION



FOG

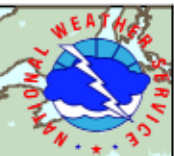


SCATTERED THUNDERSTORMS







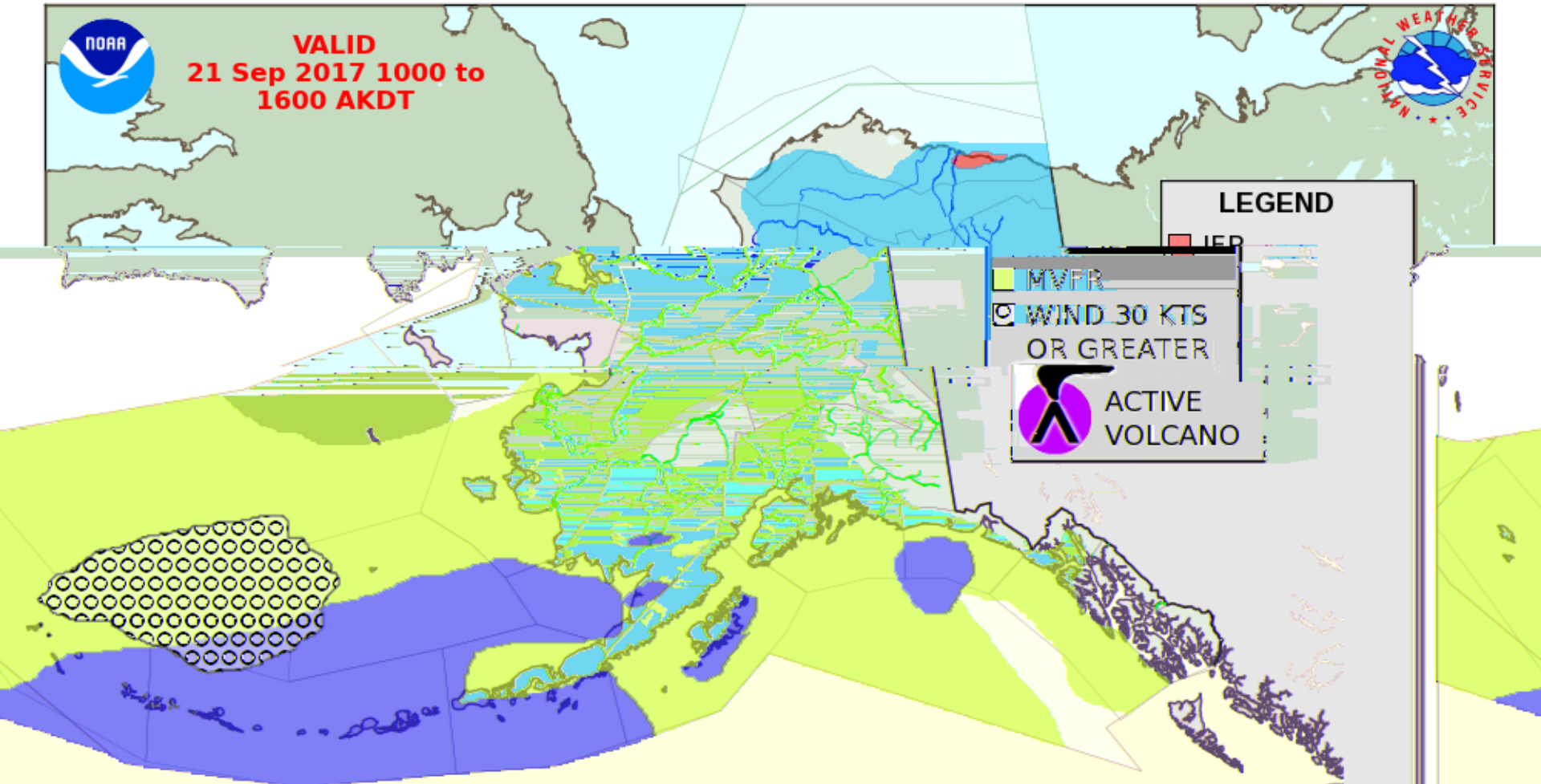


**VALID**  
**21 Sep 2017 1000 to**  
**1600 AKDT**



**LEGEND**

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



**VALID**  
 p 2017 1800 to  
 o 2017 0000 UTC

**FLYING WEATHER**  
 NOAA - NWS ALASKA AVIATION WEATHER UNIT

**ISSUED**  
 21 Sep 2017  
 05 AM AKDT

21 Sep  
 22 Sep





**VALID**  
**21 Sep 2017 0400 to**  
**1000 AKDT**

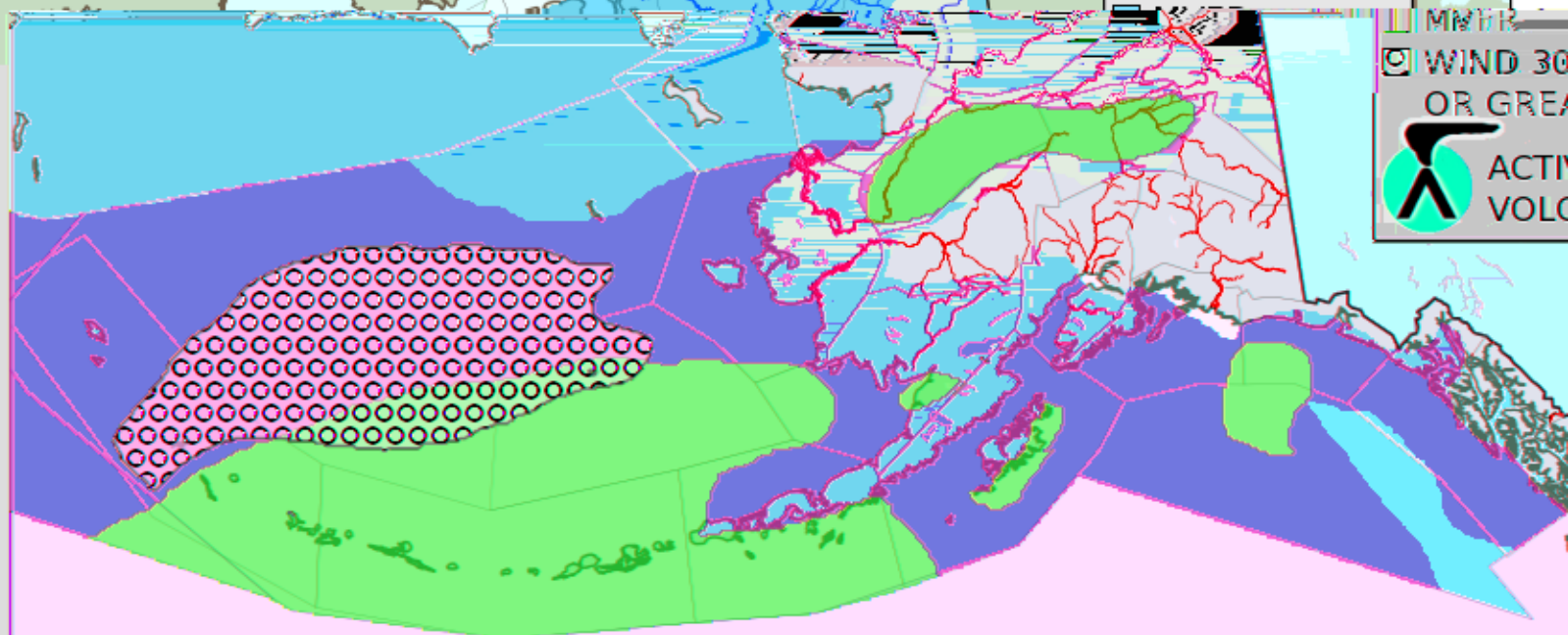


**LEGEND**

■ IFR

... KTS  
 ... WATER  
 ... VE  
 ... CANO

... MINUTE  
 ... WIND 30  
 ... OR GRE  
 ... ACTI  
 ... VOLC



**ISSUED**  
**21 Sep 2017**  
**11 AM AKDT**

**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**

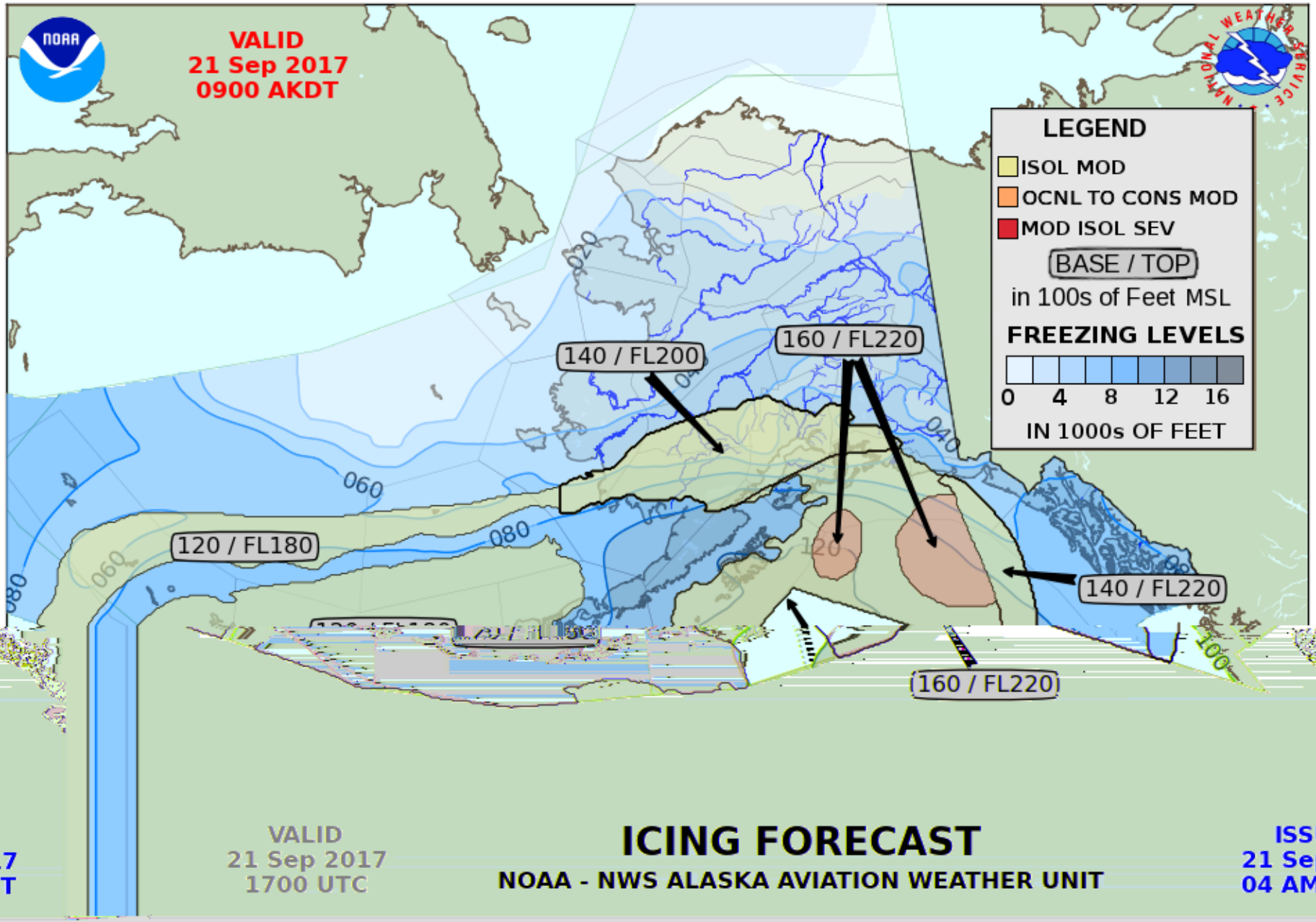
- ISOL MOD
- OCNL TO CONS MOD
- MOD ISOL SEV

**BASE / TOP**  
 in 100s of Feet MSL

**FREEZING LEVELS**

0	4	8	12	16			

IN 1000s OF FEET



**D**  
**2017**  
**AKDT**

**VALID**  
**21 Sep 2017**  
**1700 UTC**

**ICING FORECAST**  
 NOAA - NWS ALASKA AVIATION WEATHER UNIT

**ISSUE**  
**21 Sep 2**  
**04 AM A**



**VALID**  
**21 Sep 2017**  
**1500 AKDT**




**LEGEND**

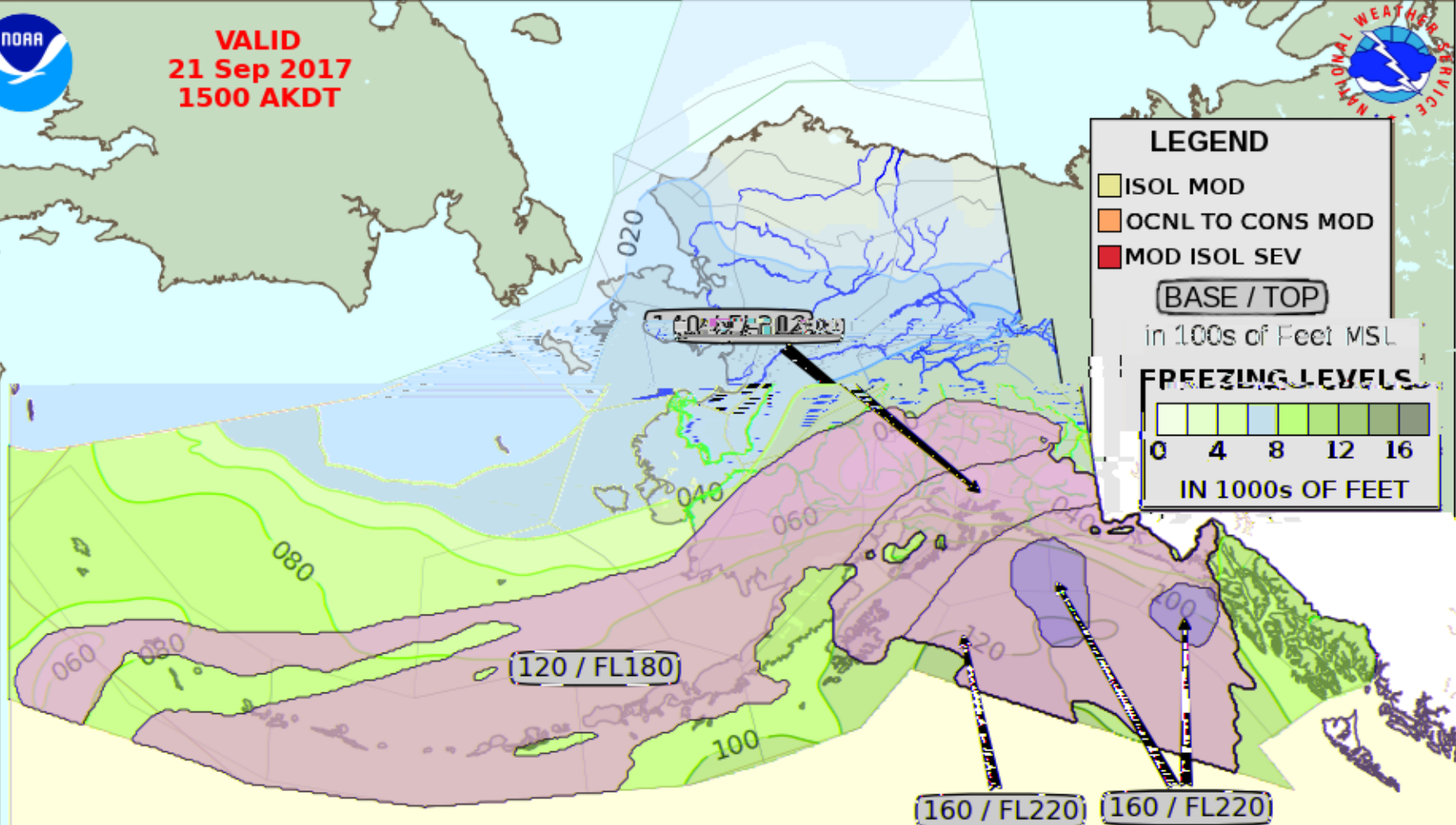
- ISOL MOD
- OCNL TO CONS MOD
- MOD ISOL SEV

**BASE / TOP**  
 in 100s of Feet MSL

**FREEZING LEVELS**



0 4 8 12 16  
 IN 1000s OF FEET



**VALID**  
**21 Sep 2017**  
**2300 UTC**

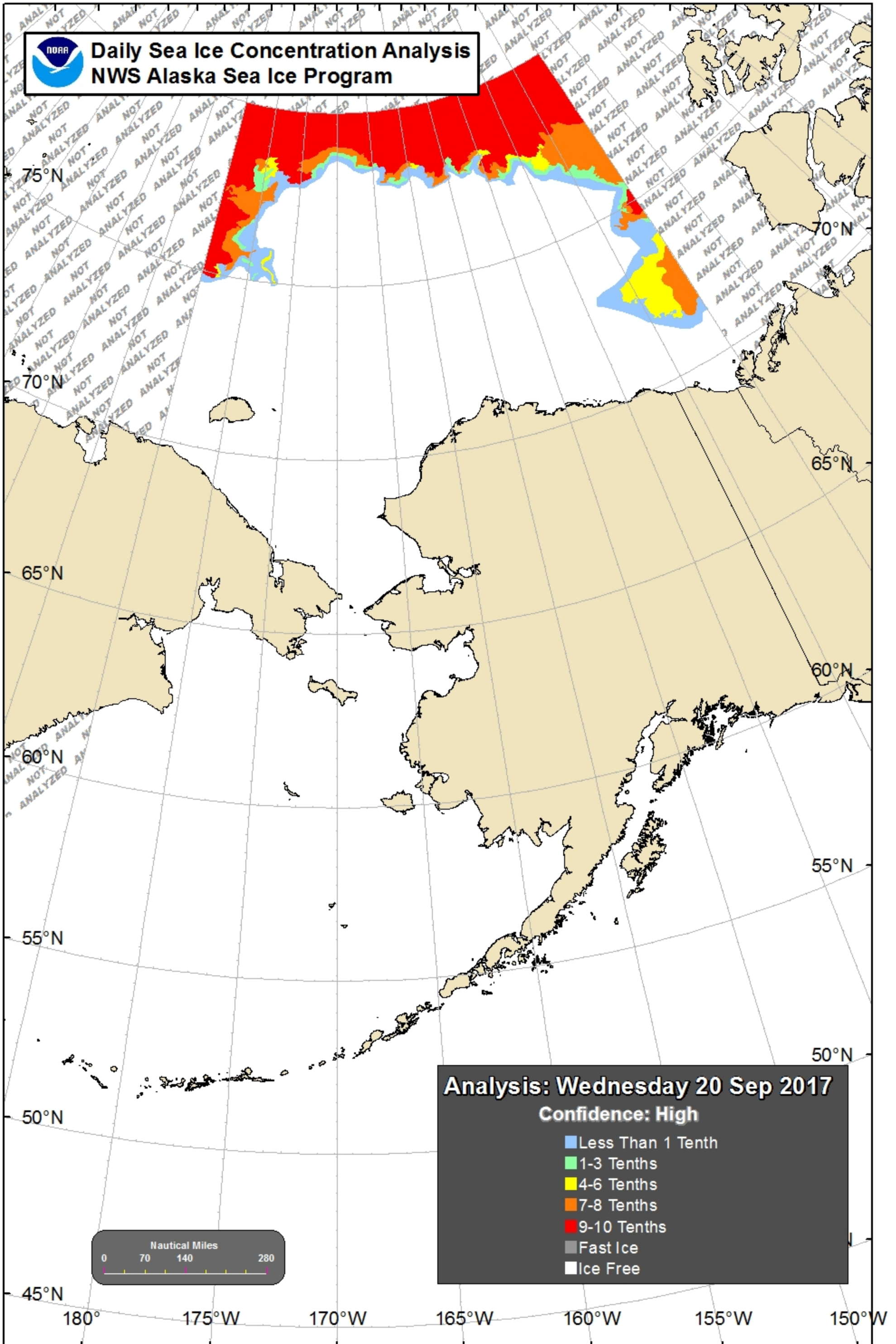
**ICING FORECAST**  
**NOAA - NWS ALASKA AVIATION WEATHER UNIT**

**ISSUED**  
**21 Sep 2017**  
**04 AM AKDT**

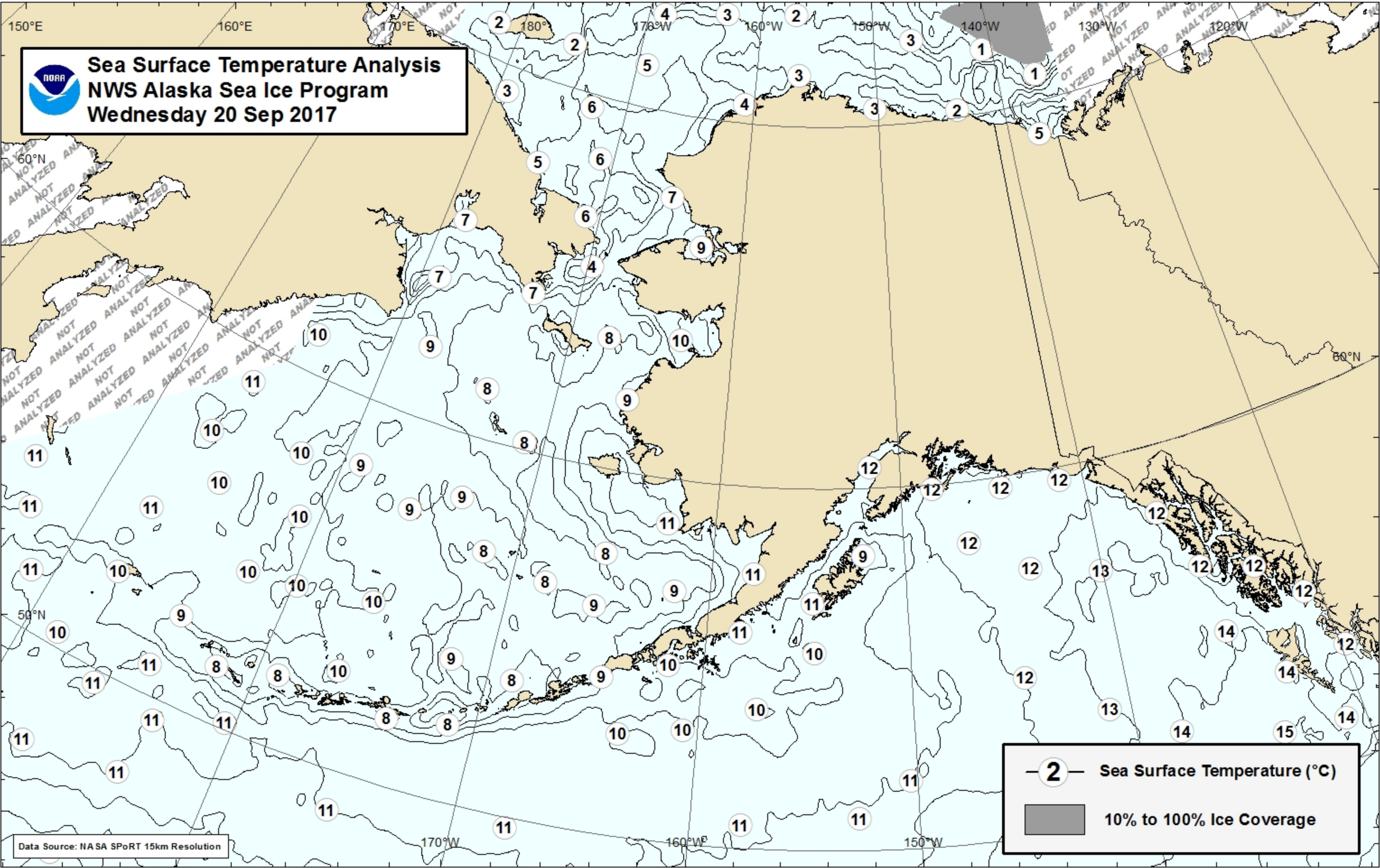




# Daily Sea Ice Concentration Analysis NWS Alaska Sea Ice Program

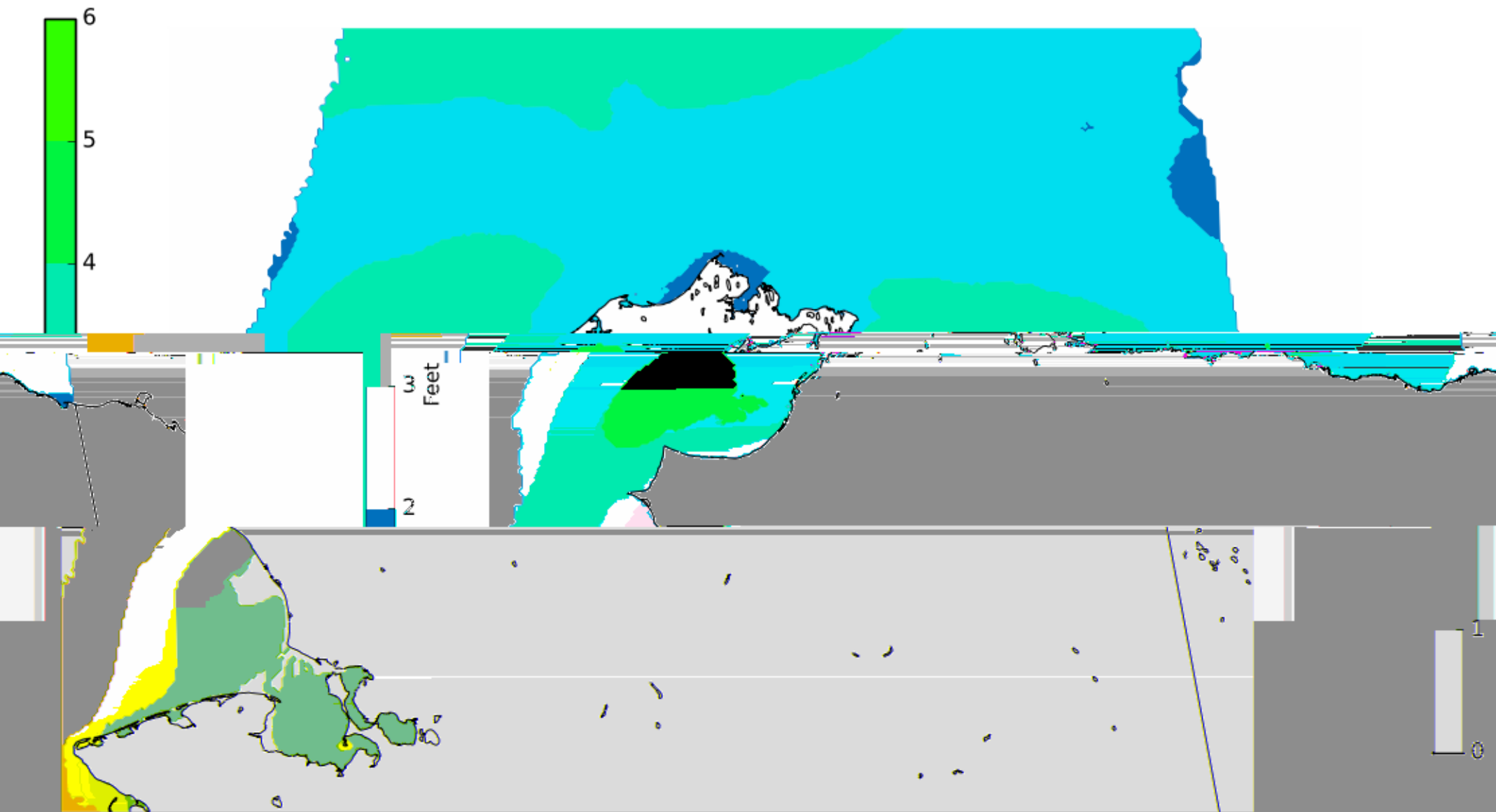






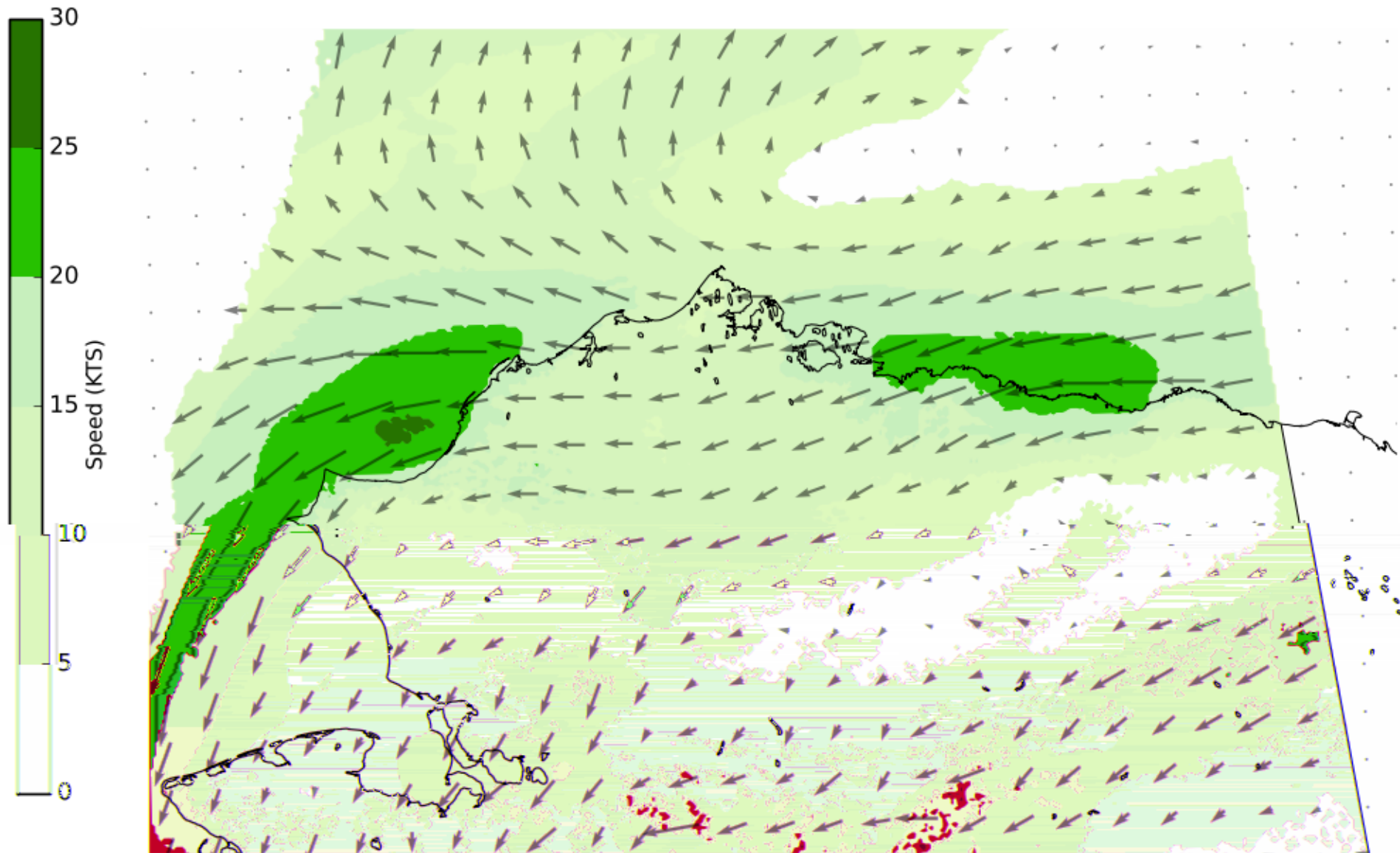
# Wave Heights

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



# Wind

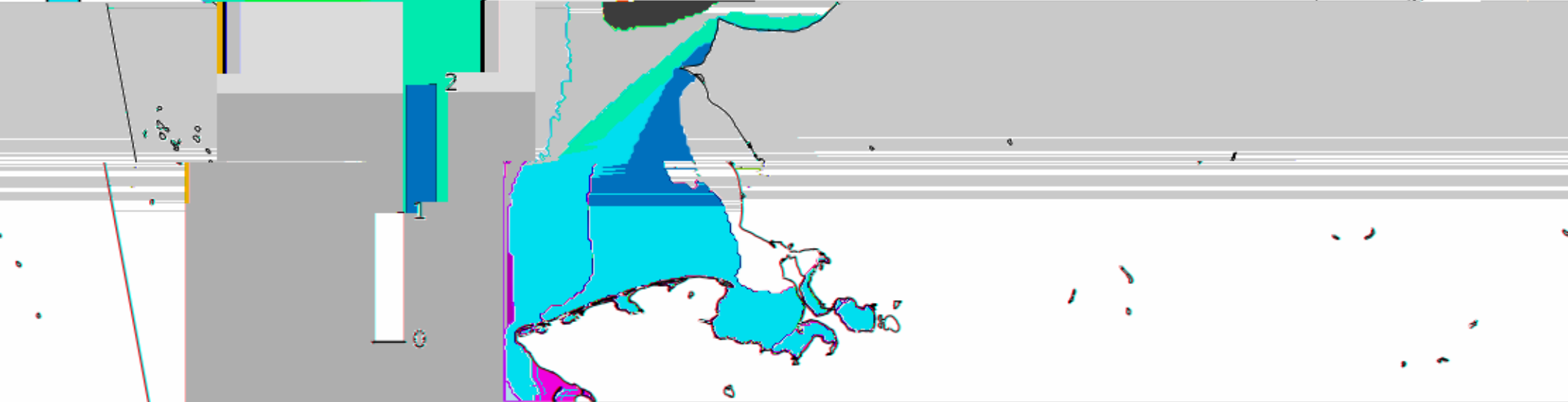
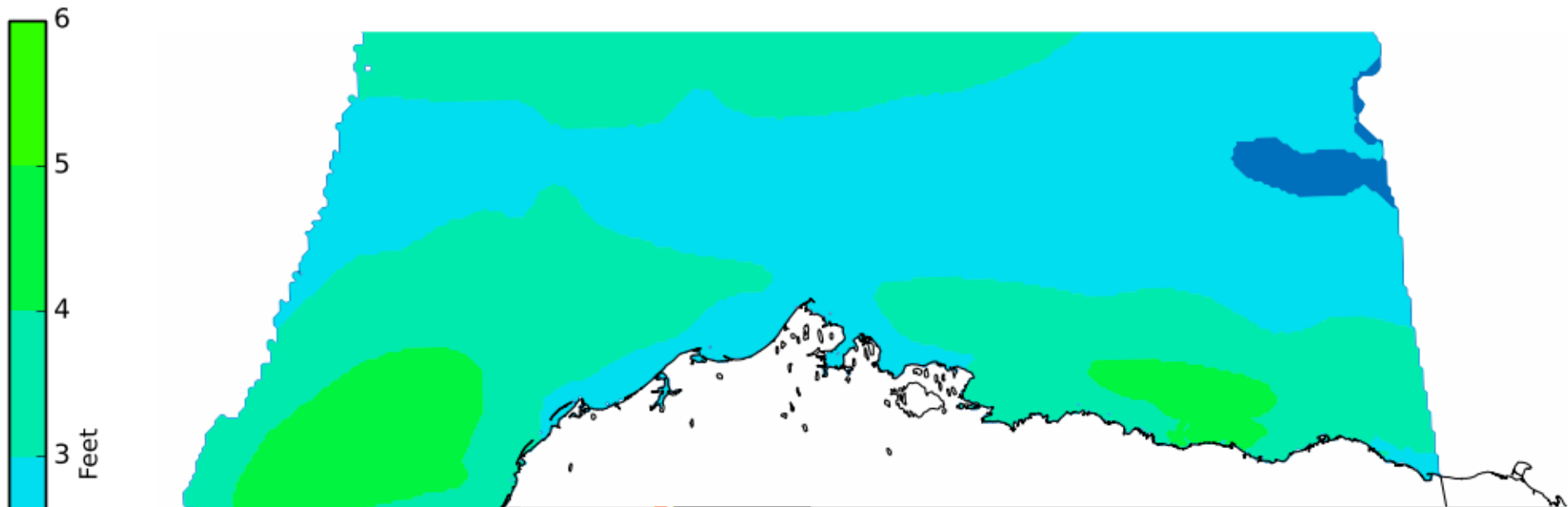
Valid: Thursday, September 21, 2017 at 10 AM AKDT





# 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

35

30

25

20

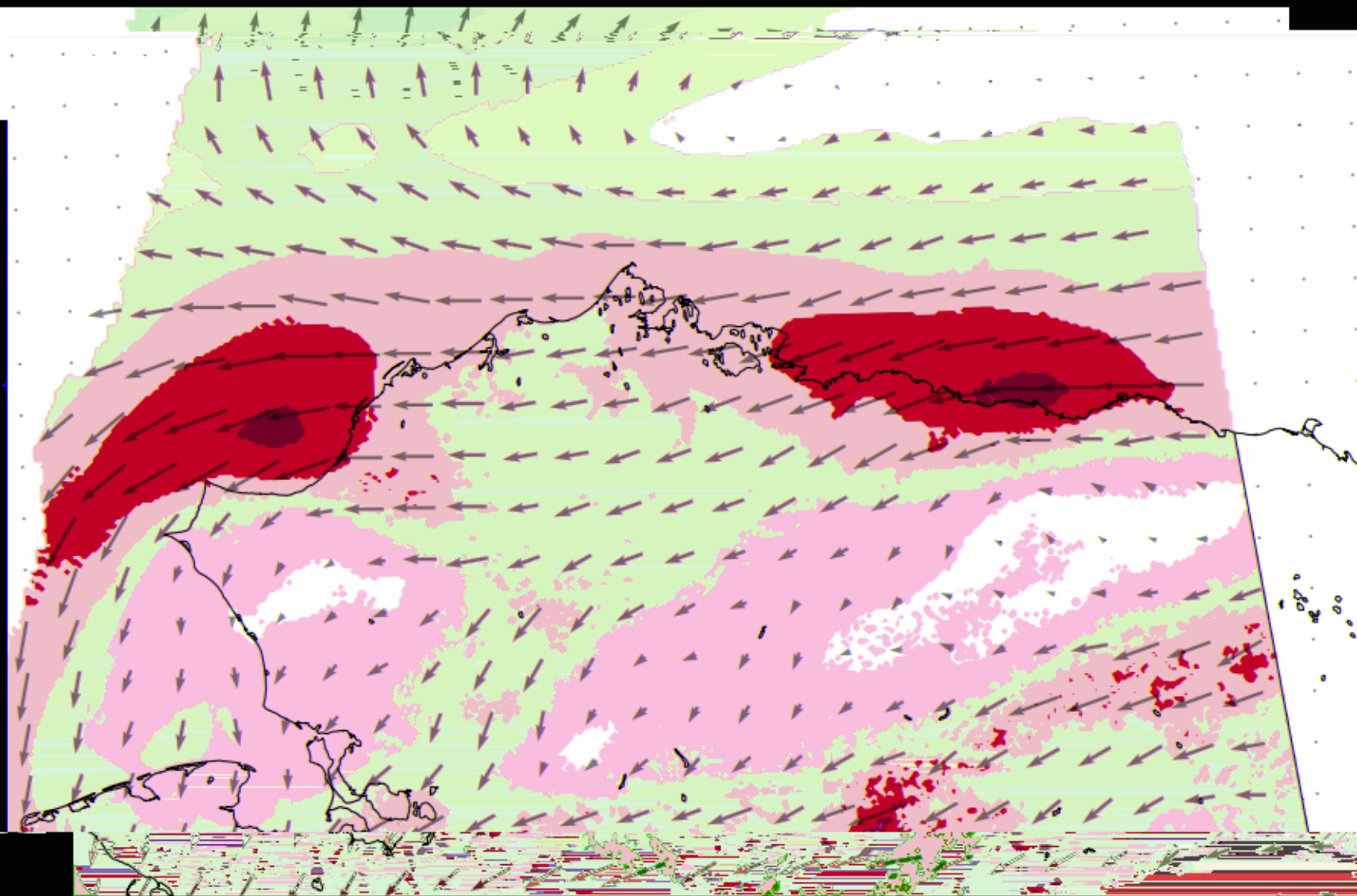
15

10

5

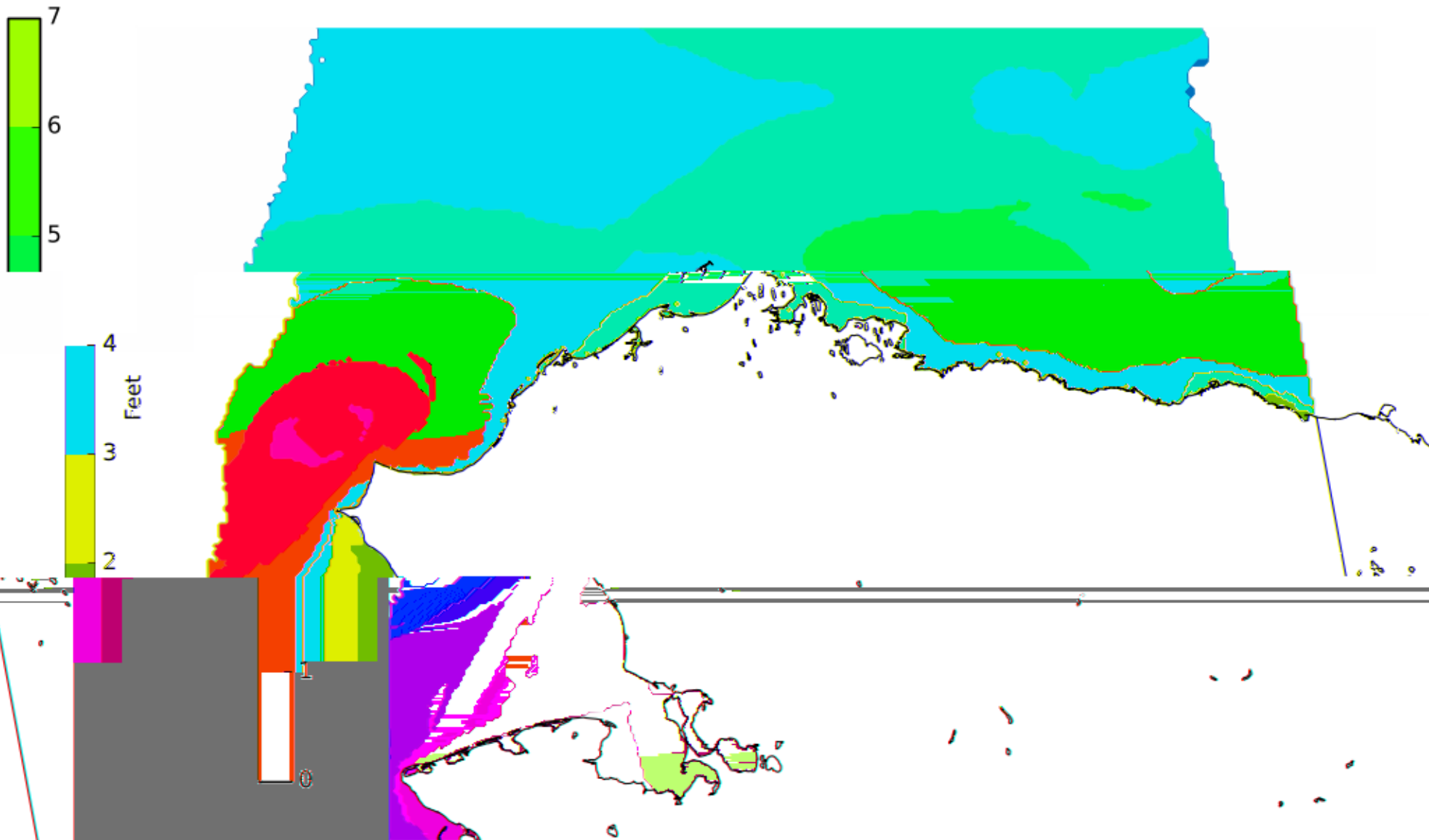
0

Speed (KTS)



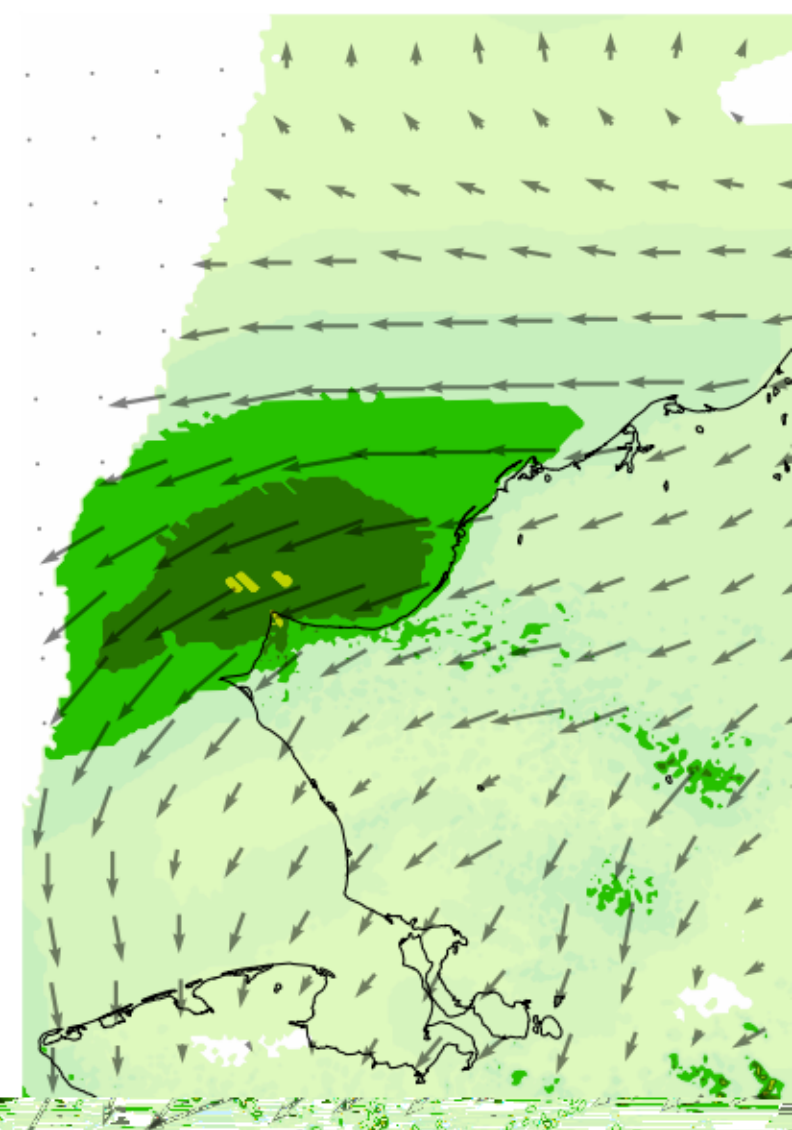
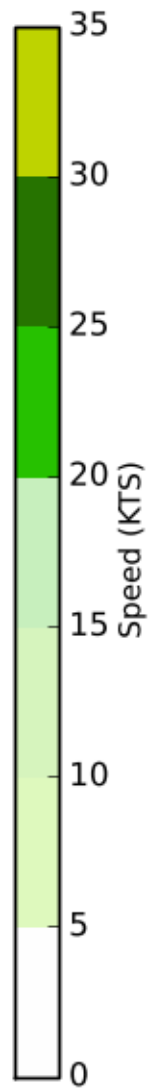
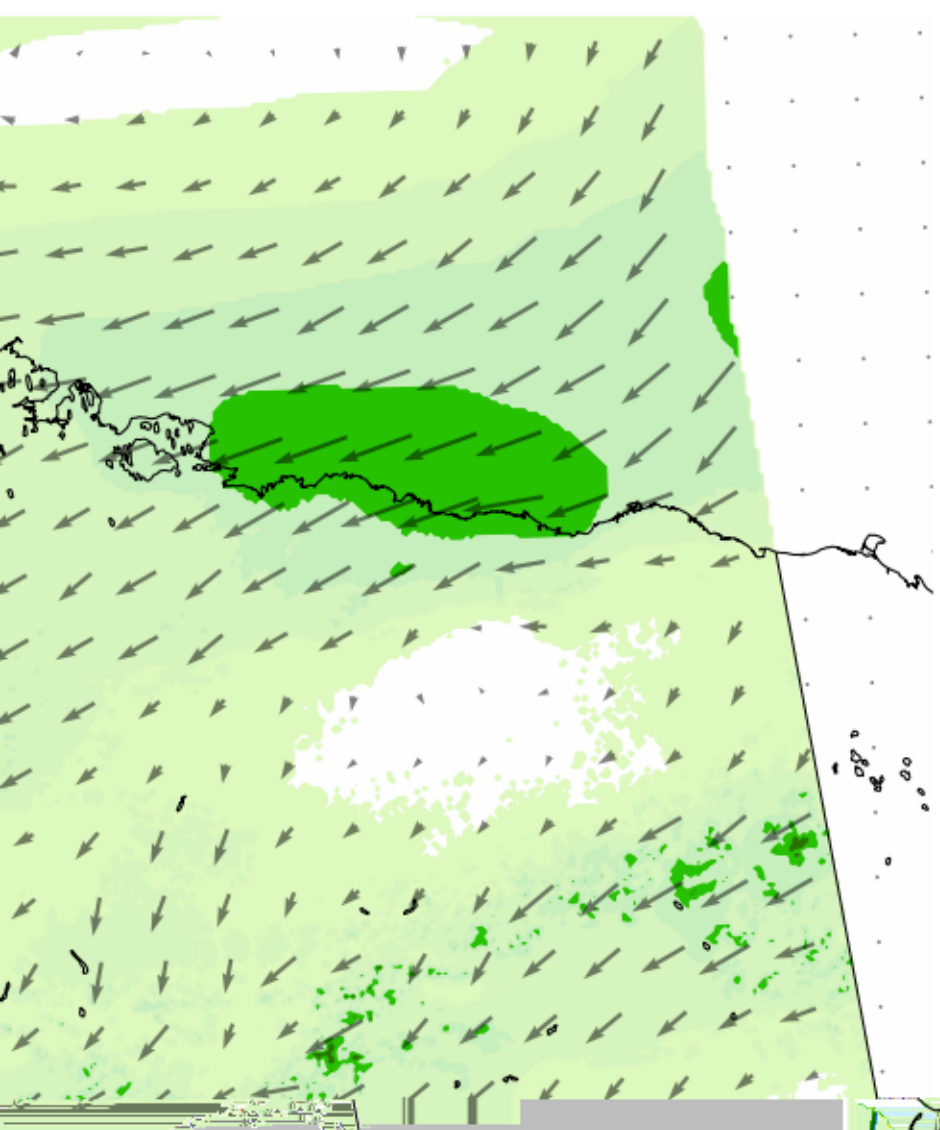
# Wave Heights Friday Morning

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

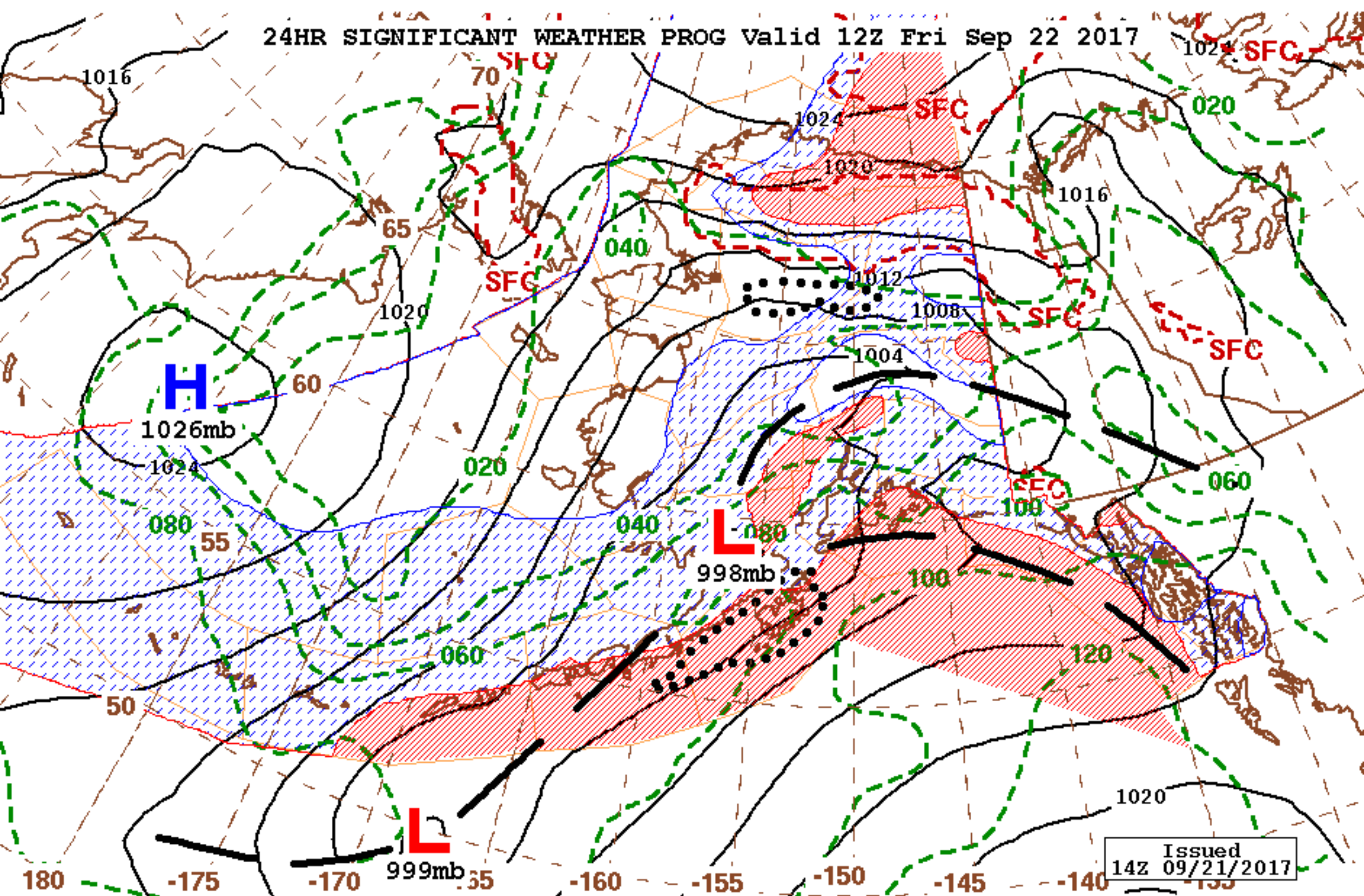




# Wind Friday Morning



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



Issued  
14Z 09/21/2017



NOAA - NWS

Alaska Aviation Weather Unit

SIGNIFICANT WEATHER



IFR

MVFR

-020-  
-SFC-

FREEZING  
LEVELS

LOW LEVEL  
TURBULENCE

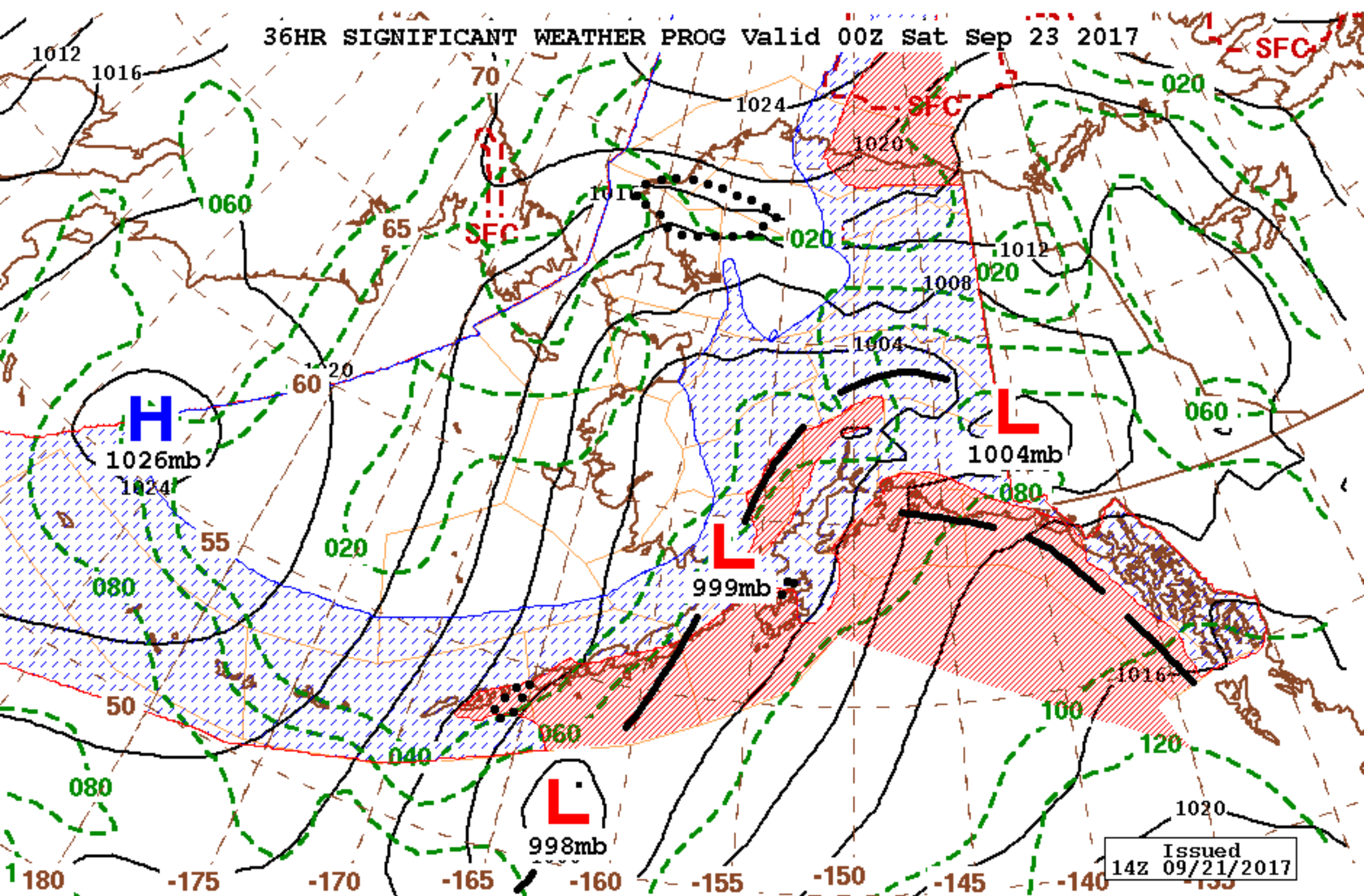
TS

THUNDER-  
STORMS





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



Issued  
14Z 09/21/2017



NOAA - NWS

Alaska Aviation Weather Unit

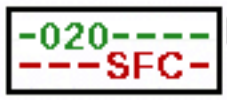
SIGNIFICANT WEATHER



IFR



MVFR



FREEZING LEVELS



LOW LEVEL TURBULENCE



THUNDERSTORMS

