

From:
To:
Cc:
Subject: ANC18LA032 - Fairbanks, AK Weather
Date: Monday, April 30, 2018 05:33:56

Fairbanks International Airport (PAFA/FAI) had an Automated Surface Observation System (ASOS) and was augmented by certified weather observers. The airport lists an elevation of 439 feet, and a magnetic variation of 19° E. During the period the airport reported winds from the north at 10 to 12 knots. No gusts were reported during the period

METAR PAFA 192153Z 04007KT 10SM FEW200 03/M11 A2947 RMK AO2 SLP987 T00331111=
METAR PAFA 192253Z 36013KT 10SM SCT200 03/M11 A2945 RMK AO2 SLP982 T00331106
METAR PAFA 192353Z 35012KT 10SM SCT200 03/M11 A2944 RMK AO2 SLP977 T00281111 10033 21011 56016

Accident 0000Z

METAR PAFA 200053Z 35010KT 10SM BKN180 03/M11 A2943 RMK AO2 SLP974 T00331106
METAR PAFA 200153Z 01011KT 10SM FEW100 BKN170 01/M11 A2942 RMK AO2 SLP972 T00111106
METAR PAFA 200253Z 36012KT 10SM CLR 02/M12 A2942 RMK AO2 SLP970 T00171117 56008=

AMD TAF PAFA 192259Z 1923/2024 36013KT P6SM SCT200
FM200800 36010KT P6SM FEW050 SCT100 BKN200
FM201800 01010G16KT P6SM VCSH OVC050=

Ladd Army Airfield (PAFB), Ft. Wainwright/Fairbanks was located 6NM east of PAFA reported the following conditions:

METAR PAFB 192158Z AUTO 07007KT 9SM CLR 03/M13 A2947=
METAR PAFB 192258Z AUTO 06005KT 10SM CLR 03/M14 A2946=
METAR PAFB 192358Z 05006KT 9SM CLR 03/M13 A2944=
METAR PAFB 200059Z AUTO 07008KT 9SM SCT170 03/M12 A2943=
METAR PAFB 200158Z AUTO 07008KT 9SM CLR 02/M12 A2942=
METAR PAFB 200258Z AUTO 06009KT 9SM CLR 01/M13 A2941=

TAF PAFB 192000Z 1920/2102 02009KT 9999 FEW200 QNH2942INS
TEMPO 1920/2002 04010G15KT
BECMG 2018/2020 04009KT 9999 VCSH BKN050 610505 QNH2952INS
TX04/2001Z TNM06/2015Z=

Winds were reported from the northeast at 6 to 8 knots, with no gusts reported.

The NWS 5-minute observations for PAFA were also examined. The 5-min observations for ½ hour prior to and after the event were as follows:

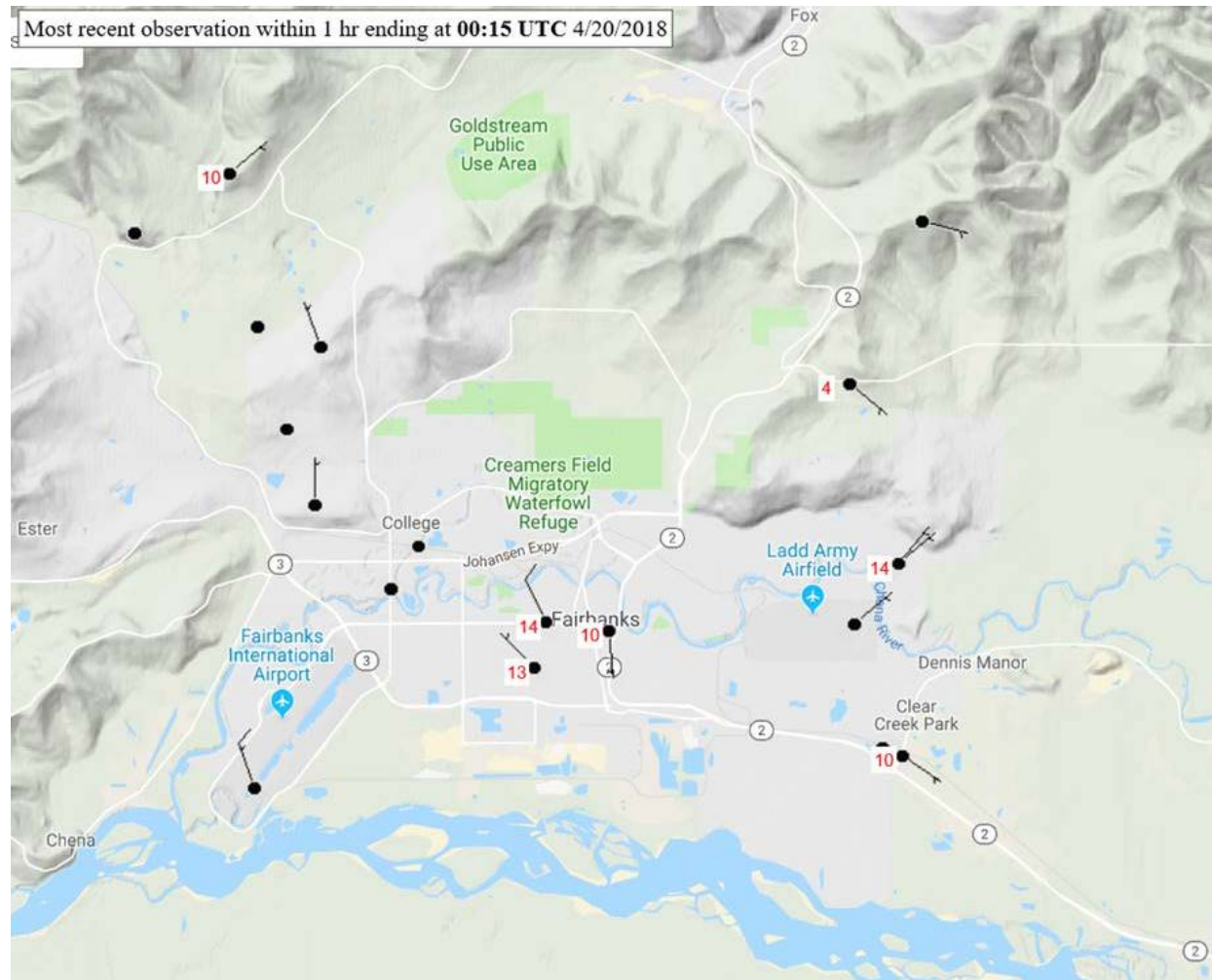
STA DDTTTT T-WIND VIS CLOUD T/Td ALT PA RH DA M-WIND RMK
5-MIN PAFA 192330Z 36010KT 10SM SCT200 03/M11 A2944 880 37 -300 350/10 RMK AO2 T00281106
5-MIN PAFA 192335Z 35011KT 10SM SCT200 03/M11 A2945 880 35 -200 330/11 RMK AO2 T00331106
5-MIN PAFA 192340Z 34013KT 10SM SCT200 03/M11 A2944 880 35 -200 330/13 RMK AO2 T00331106
5-MIN PAFA 192345Z 35011KT 10SM SCT200 03/M11 A2944 880 37 -300 330/11 RMK AO2 T00281106
5-MIN PAFA 192350Z 35013KT 10SM SCT200 03/M12 A2944 880 32 -200 340/13 RMK AO2 SLP978 T00331117 10033 21011 56015
5-MIN PAFA 192355Z 35010KT 10SM CLR 03/M11 A2944 880 34 -200 330/10 RMK AO2 T00331111
5-MIN PAFA 200000Z 35011KT 10SM CLR 03/M12 A2944 880 32 -200 340/11 RMK AO2 T00331117
5-MIN PAFA 200005Z 35009KT 10SM CLR 03/M12 A2944 890 34 -300 340/09 RMK AO2 T00281117
5-MIN PAFA 200010Z 34011KT 10SM CLR 03/M11 A2944 890 37 -300 330/11 RMK AO2 T00281106
5-MIN PAFA 200015Z 35012KT 10SM CLR 03/M11 A2944 890 35 -300 330/12 RMK AO2 T00281111
5-MIN PAFA 200020Z 35010KT 10SM CLR 03/M12 A2943 890 34 -300 330/10 RMK AO2 T00281117
5-MIN PAFA 200025Z 01011KT 10SM CLR 03/M11 A2943 890 35 -200 360/11 RMK AO2 T00331106

5-MIN PAFA 200030Z 36011KT 10SM CLR 03/M11 A2943 890 37 -300 340/11 RMK AO2 T00281106

Note – ATC magnetic wind is included in the column prior to the remarks (RMK)

A MesoWest plot of remote weather observation stations is included below for 1615 AKDT (0015Z April 20, 2018) wind gusts are included in red and are in mph.

(No change in wind direction or speed were noted between 2345Z through 0015Z)



ATIS recordings coming from ATC shortly.

Donald Eick
NTSB Senior Meteorologist