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ASOS/AWOS

- Overall, no complaints from members on either system
- No accidents/incidents where ASOS/AWOS have been a casual factor that we're aware of
- Need to be looking at opportunity where other types of surface observations are available, federal or non federal
- Weather cameras/non certified systems



Weather Cameras



Alaska FAA Weather Camera Program

- Near real-time weather information to pilots
- Sometimes co-located with AWOS units
- Efforts being made to place cameras in mountain passes which lack other observations



Compare current to clear day image

METARS

Supplemental Weather

TAFS

Image Times in UTC. (ADT = UTC - 8) (AST = UTC - 9)

Latest NorthEast (039° true) Camera Image

Clear Day Image (NorthEast)







NorthEast Cam

NorthEast Loop...



SouthWest Cam

SouthWest Loop...

Video Loop provides trend information



Added value of the camera...

McKinley Park

UTC 16:46:32 Local 08:46:32

Images

METARS

Supplemental Weather

TAFs

Image Times in UTC. (ADT = UTC - 8) (AST = UTC - 9)

Latest North (004° true) Camera Image

Clear Day Image (North)









North Cam

North Loop...

South Cam South Loop...

AWOS at the time: **PAIN AP 3 1636Z CLR 10 46 43 00000 998**

Click Latest Image or Clear Day Image to view at full scale.

Alaska Weather Camera

Benefits:

- Improved weather situational awareness
- Aid pilots in making better decisions
- Fills gaps where no other weather data is available

Limitations:

Daytime only information

Future:

- Need research to evaluate low-light or thermal sensors
- Consider human factors of data presentation

Exploring options: Certified vs. Non-Certified

Low cost technology

- As Alaskan NWS observers (A-PAID) are being replaced, we need to explore options that provide critical access to surface weather
- While understanding that the FAA and NWS are working together on options, regardless of if it is certified or non certified, any enchantment is a safety plus
- Weather data must be distributed to users via all normal weather delivery modes

Contact Information

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