

# Interior Alaska Winter Storm

Weather Forecast Office

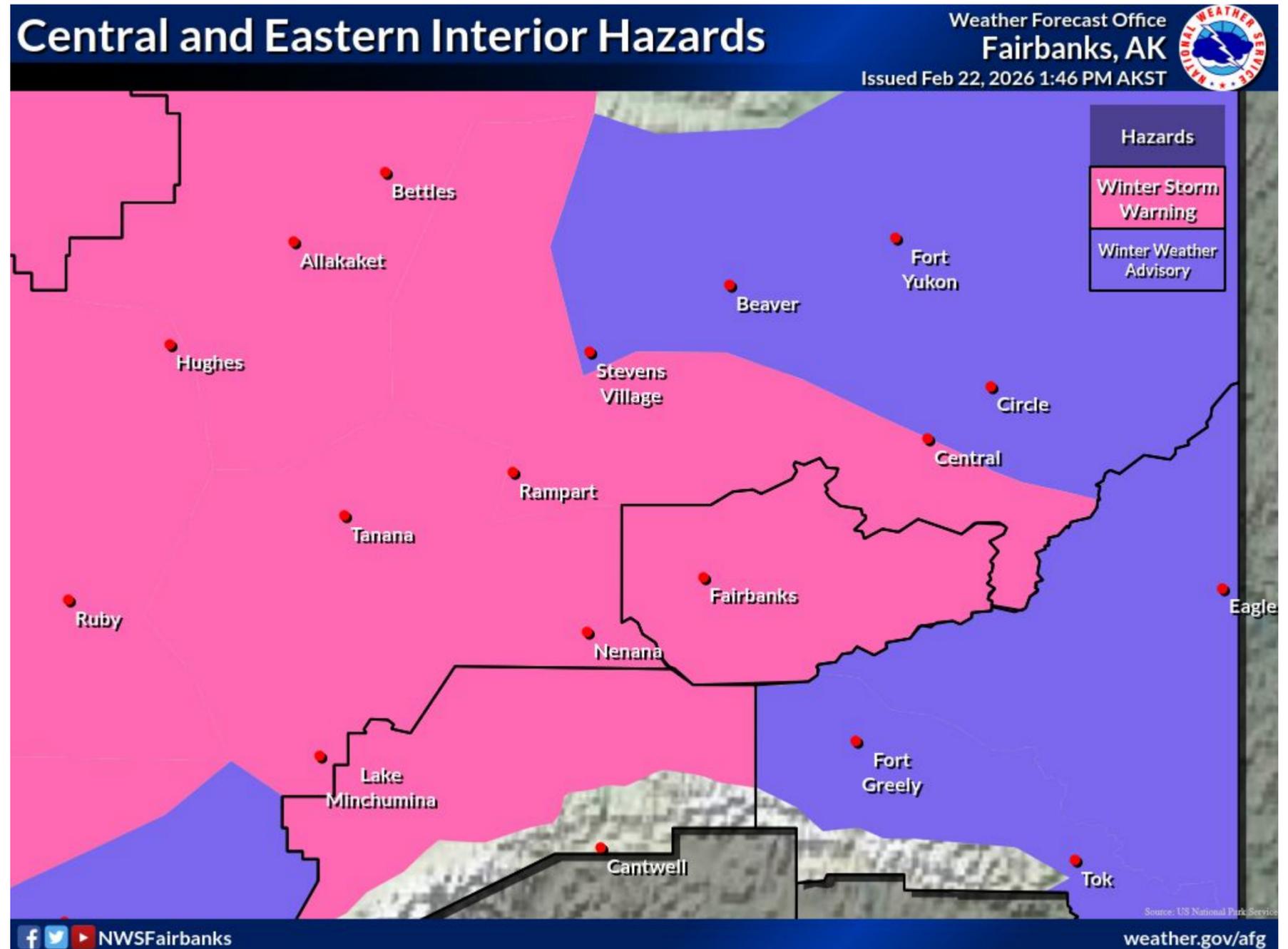
Fairbanks, AK

Monday, February 23

Continuing through Midweek

## Key Messages:

- **Winter Storm Warnings** for the Dalton Highway Summits, Fairbanks North Star Borough and the Central Interior through Wednesday.
  - **Winter Weather Advisories** for the Yukon Flats, Fortymile Country, and Upper Tanana Valley
- Widespread moderate to heavy snow is expected through early Tuesday. Locations above 1200 ft could see gusty winds.

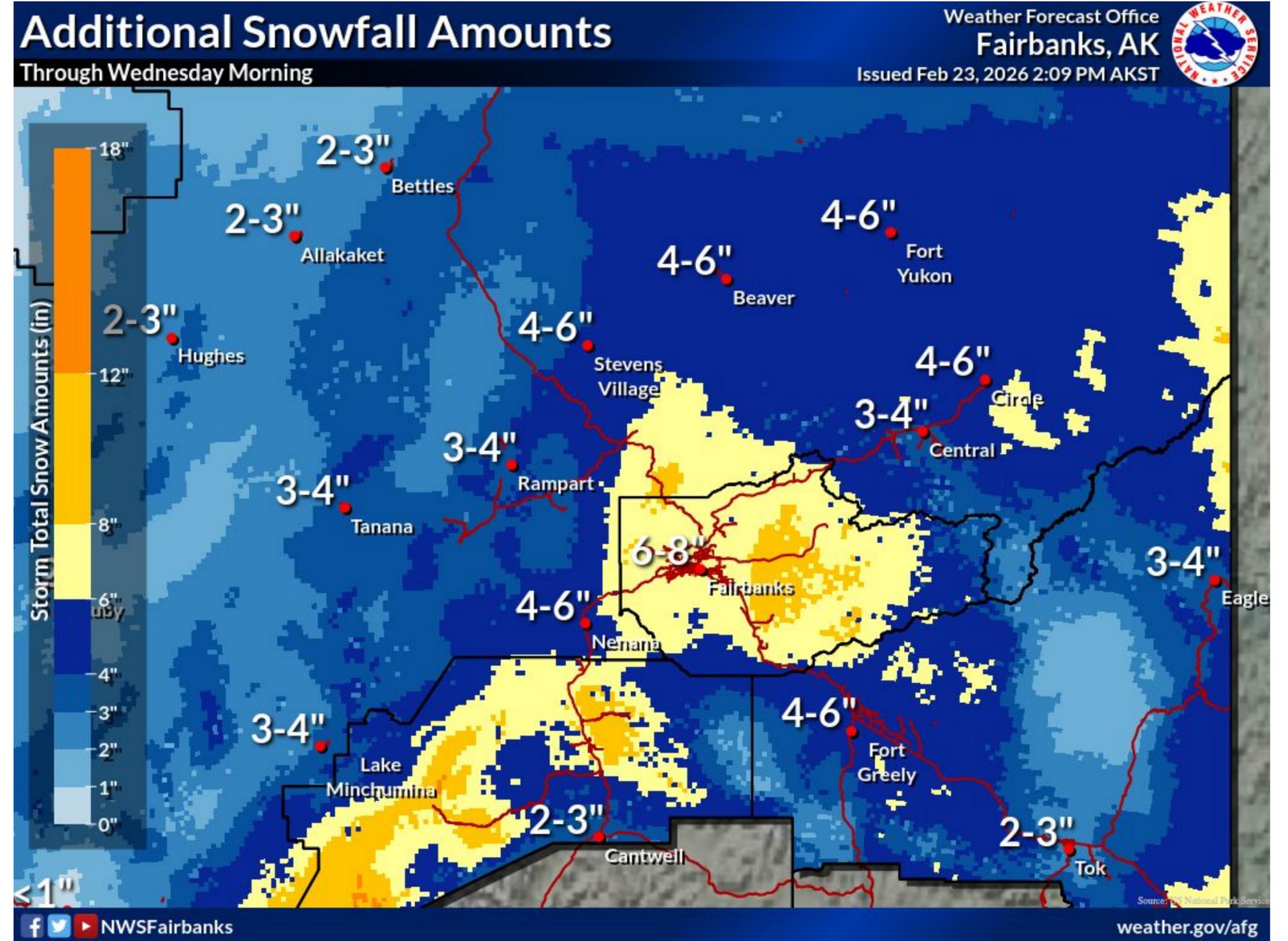




# Expected Snowfall Amounts

Weather Forecast Office  
Fairbanks, AK  
Monday, February 23

- Snow will continue this evening in the Interior, with the heaviest snowfall from tonight into early Tuesday.





# Winds

- The strongest winds will be north and east of Fairbanks.
- Gusty winds and snowfall could create periods of reduced visibility.
- In the FNSB areas above 1200 ft could see gusty winds up to 25 mph.
- Westerly winds increase through the Tanana Valley Tuesday gusting up to 30 mph and may lead to periods of blowing snow. These winds are likely to occasionally reach the valley floor.

### Maximum Wind Gust (mph) Forecast

	2/24 Tue				2/25 Wed				2/26 Thu				2/27 Fri				Gust Max
	12am	6am	12pm	6pm													
Alcan Border	10↘	9↘	17↘	17↘	15↘	16↘	17↘	18↘	17↘	15↘	10↘	7↘	2↘	2↘	2↘	2↘	18 ↘
Anderson	17↘	22↘	21↘	15↘	14↘	13↘	12↘	12↘	7↘	3↘	3↓	3↓	2↓	1↓	2↓	2↓	22 ↘
Anvik	17↘	13↘	13↘	14↘	12↘	10↘	12↘	15↘	9↘	9↘	8↓	9↓	9↓	8↓	10↘	10↘	17 ↘
Arctic Village	17↓	20↓	17↓	10↘	10↘	12↓	14↓	12↓	9↓	8↓	8↓	8↓	7↓	7↓	7↓	8↘	20 ↓
Bettles	29↘	28↓	23↘	12↘	6↓	12↓	14↓	10↓	10↓	8↓	5↓	8↓	9↓	9↓	8↓	5↘	29 ↓
Birch Creek	7↓	16↘	21↘	17↘	13↘	9↘	7↘	7↘	5↘	2↓	7↘	7↘	3↘	1↓	1↓	2↓	21 ↘
Cantwell	3↘	12↘	15↘	15↓	17↓	18↓	22↓	16↓	16↓	16↓	30↓	30↓	14↓	10↘	10↘	10↘	30 ↓
Delta Junction	6↘	20↘	17↘	13↘	13↘	13↘	15↘	15↘	12↘	9↘	7↘	7↘	6↘	5↘	3↘	5↘	20 ↘
Denali Park	9↘	13↘	15↘	13↘	12↘	14↘	17↘	9↘	9↘	9↘	17↘	17↘	7↘	6↘	7↓	7↓	17 ↘
Eagle	16↘	9↘	13↘	12↘	14↘	16↘	17↘	14↘	14↘	14↓	25↓	25↓	6↘	1↘	2↓	2↓	25 ↓
Fairbanks	15↘	20↘	17↘	12↘	9↘	8↘	7↘	7↘	2↘	1↓	1↘	1↓	1↓	0↓	0↓	0↓	20 ↘
Hughes	9↘	10↘	13↘	8↘	7↘	3↘	2↘	3↘	1↘	1↘	3↓	5↘	5↘	5↘	3↘	3↓	13 ↘
Koyukuk	12↘	6↘	12↘	10↘	8↘	7↘	7↘	7↘	5↘	2↘	6↘	6↘	5↓	5↓	5↘	5↘	12 ↘
Livengood	12↘	9↘	9↘	6↘	5↘	5↘	3↘	6↘	7↘	7↘	16↘	16↘	10↘	9↓	7↘	7↓	16 ↘
McGrath	17↘	12↘	12↘	10↘	8↘	6↘	7↘	10↘	7↘	3↘	9↓	9↓	6↓	5↓	5↘	5↘	17 ↘
Nenana	17↘	20↘	18↘	15↘	15↘	12↘	12↘	12↘	5↘	2↘	1↓	3↘	3↘	2↘	2↓	2↘	20 ↘
Shungnak	31↘	29↘	25↘	22↘	13↘	7↘	3↘	3↘	3↘	1↘	2↘	2↘	2↓	2↓	3↘	3↘	31 ↘
Tanana	14↘	15↘	13↘	9↘	8↘	6↘	7↘	9↘	9↓	7↘	6↓	6↓	6↓	3↓	3↓	3↓	15 ↘
Tok	2↘	12↘	23↘	21↘	23↘	23↘	23↘	22↘	20↘	17↘	17↘	17↘	5↘	3↘	6↘	6↘	23 ↘

0 5 10 15 20 25 30 35  
Maximum Wind Gust Forecast (mph)

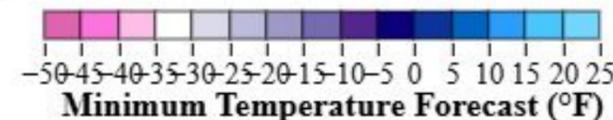


# Temperature Drop After the Event

- After the event we are expecting colder Arctic air to return to the Interior.
- Widespread 30s below zero are expected. It is increasingly likely that we will see 40s below zero Friday, Saturday, and Sunday.
- Low temperatures will see some moderation during the day due to solar heating.

Minimum Temperature (°F) Forecast

	2/24 Tue				2/25 Wed				2/26 Thu				2/27 Fri				Temp Min
	12am	6am	12pm	6pm													
Alcan Border	14	13	11	-5	-13	-21	-22	-25	-26	-27	-18	-27	-35	-36	-20	-29	-36
Anderson	17	-1	-5	-18	-23	-26	-21	-23	-25	-30	-18	-27	-32	-35	-21	-26	-35
Anvik	-3	-12	-7	-18	-21	-23	-15	-18	-22	-24	-15	-18	-22	-23	-11	-12	-24
Arctic Village	-7	-11	-7	-16	-20	-26	-20	-29	-32	-34	-23	-36	-38	-39	-23	-31	-39
Bettles	-1	-12	-10	-21	-26	-29	-21	-28	-30	-32	-16	-27	-31	-32	-17	-25	-32
Birch Creek	7	4	2	-12	-18	-19	-12	-16	-21	-25	-14	-26	-32	-34	-20	-29	-34
Cantwell	14	1	-5	-19	-26	-30	-26	-30	-31	-29	-18	-27	-28	-28	-14	-22	-31
Delta Junction	20	10	-1	-14	-20	-25	-21	-24	-26	-28	-17	-28	-31	-33	-18	-25	-33
Denali Park	15	-1	-9	-24	-29	-33	-28	-35	-36	-37	-23	-34	-36	-36	-19	-28	-37
Eagle	11	13	10	-8	-15	-19	-16	-21	-27	-27	-18	-31	-38	-38	-20	-31	-38
Fairbanks	18	1	-7	-20	-24	-27	-22	-24	-28	-32	-18	-27	-32	-34	-19	-28	-34
Hughes	-3	-18	-18	-28	-30	-37	-27	-31	-34	-36	-21	-25	-28	-31	-19	-26	-37
Koyukuk	-10	-19	-14	-23	-27	-28	-18	-27	-32	-36	-21	-25	-30	-33	-18	-23	-36
Livengood	16	3	-4	-17	-22	-25	-16	-22	-25	-26	-12	-18	-23	-26	-14	-23	-26
McGrath	1	-14	-9	-23	-30	-33	-23	-30	-35	-37	-23	-28	-33	-35	-20	-22	-37
Nenana	17	-1	-7	-18	-22	-25	-20	-21	-24	-29	-17	-25	-30	-32	-18	-26	-32
Shungnak	-13	-23	-24	-33	-38	-42	-31	-37	-39	-40	-27	-29	-31	-34	-23	-26	-42
Tanana	3	-12	-16	-29	-32	-34	-24	-27	-33	-34	-20	-26	-31	-34	-18	-25	-34
Tok	10	8	4	-12	-21	-27	-25	-29	-30	-30	-20	-29	-35	-36	-20	-30	-36





# Wrap-Up

- A winter storm is currently bringing snowfall to the Alaska Interior and will continue to impact the area through early Wednesday.
- Winter Storm Warnings are in effect for much of the Central Interior
  - Winter Weather Advisories are in effect for much of the Eastern Interior
- Moderate to heavy snowfall is expected to continue through early Wednesday, with the heaviest snowfall anticipated on Monday evening into Tuesday morning.
  - The FNSB will see the heaviest snowfall for this event.
- After this storm, temperatures will quickly drop as Arctic air moves back into the Interior.

