



Crop Progress and Condition

National Agricultural Statistics Service

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For Week Ending: July 22, 2018

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ALASKA: There were **5.5 days suitable for fieldwork** last week. Temperatures last week ranged from one degree below normal in Glennallen to four degrees above normal in Gulkana, Nenana and Palmer. A high temperature of 84 degrees Fahrenheit was reported in Nenana, while a low of 33 degrees was reported in Glennallen. Precipitation varied with the Kenai Peninsula receiving little to no rain last week to over an inch in Talkeetna and Kodiak. **Rate of crop growth** was reported as 35% moderate, 65% rapid. **Wind and rain damage to crops** was reported as 90% none, 5% light, 5% moderate.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 25% moderate, 75% rapid. **Wind and rain damage to crops** was reported as 80% none, 10% light, 10% moderate. **Farm activities** for the week included first cutting of hay, harvest of grass seed, fertilizing for second cutting hay, fence work, summer fallow work. Scattered frosts occurred in low lying areas on Wednesday morning. Peony harvest winding down.

MATANUSKA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Rate of crop growth** was reported as 45% moderate, 55% rapid. **Wind and rain damage to crops** was reported as 100% none. **Farm activities** for the week included irrigation, harvesting hay and vegetables, fertilizing for second cutting hay, fallow tillage, general maintenance. Peony harvest winding down.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	0	30	70	0
Tanana Valley.....	0	50	50	0
Matanuska Valley.....	0	15	85	0
Subsoil Moisture – State	0	25	75	0
Tanana Valley.....	0	40	60	0
Matanuska Valley.....	0	10	90	0

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Air Temperature		Precipitation (inches)
	2018	2017	2016	High	Low	
Sawmill Creek.....	56	57	59	80	33	0.18
Plant Materials Center.....	60	63	64	78	42	0.13

na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley in dough	10	0	90	59
Oats headed	90	15	100	79
Grass hay harvested.....	90	80	80	79

na – not available

Crop Condition -- Alaska

	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Barley.....	0	0	10	40	50
Oats.....	0	0	0	50	50
Potatoes	0	0	10	70	20
Hay.....	0	0	25	70	5

Weekly Weather Statistics — Alaska: July 16 - July 22, 2018

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	83	41	64	+2	0.04	2	3.73	+0.26	42	760	+74	1,505
Fairbanks-Eielson	80	40	62	+0	0.40	4	3.58	-0.72	36	672	+16	1,405
Nenana	84	41	65	+4	0.06	2	3.19	-0.95	39	733	+168	1,486
Fort Greely-Allen.....	80	40	62	+2	0.27	2	3.67	-1.47	40	584	+58	1,316
Gulkana Airport.....	82	36	62	+4	0.35	2	5.17	+1.86	38	422	+82	1,104
Glennallen	80	33	56	-1	0.45	3	3.33	-0.71	20	269	-42	884
Sutton	76	43	59	+1	0.29	3	5.37	+1.42	30	400	+96	1,126
Palmer	76	46	62	+4	0.37	2	3.89	+1.84	41	524	+126	1,281
Talkeetna.....	76	43	62	+2	1.09	2	7.58	+1.89	44	519	+41	1,218
Willow Airport.....	81	47	62	+2	0.02	1	3.74	+0.50	31	556	+132	1,280
Anchorage International.....	72	49	62	+3	0.07	2	2.68	-0.20	39	547	+162	1,314
Kenai	70	44	57	+0	0.00	0	3.72	+0.54	38	273	+31	940
Homer.....	65	42	57	+2	0.00	0	5.09	+2.43	45	244	+94	948
Kodiak.....	70	43	57	+2	1.09	1	15.54	+0.43	56	262	+117	914
Juneau Airport	76	48	59	+2	0.61	4	12.68	+2.89	61	542	+211	1,322
McKinley National Park.....	79	36	60	+4	0.45	3	4.68	-0.62	30	354	+76	980

Summary based on NOAA Regional Climate Centers (RCC) data.

DFN=Departure from normal

Precipitation (rain or melted snow/ice) in inches.

Air temperatures in degrees Fahrenheit.

Climate normals used are for 1981-2010 period.

Season cumulative precipitation and growing degree days total starts May 1, 2018.

NOTICE: Please be advised, the Weekly Crop Progress and Condition Report's Weather Data Tables may be discontinued for budget reasons. This includes the possibility of discontinuing the weather data narratives and graphics. Please contact your local NASS Regional Field Office with comments or compliments regarding this issue. The Weekly Crop Progress and Condition Report's Crop Progress and Condition data will remain and be available.

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