



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: August 2, 2015

Released: August 3, 2015

ALASKA: There were **5.0 days suitable for fieldwork** last week. Temperatures were generally below normal in the Tanana Valley and above normal in the other major growing areas. Most areas received precipitation. **Wind and rain damage to crops** was reported as 98% none, 2% light.

TANANA VALLEY: An average of **5.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 75% complete. **Farm activities** for the week included harvesting hay, spreading fertilizer for second cutting, grass seed combining, spraying weeds, CRP maintenance, harvesting forage crops.

MATANUSKA VALLEY: An average of **5.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 95% complete. Second cutting was just getting underway. **Farm activities** for the week included harvesting hay and vegetables, spreading fertilizer, weed control, irrigation, general farm maintenance.

KENAI PENINSULA: An average of **3.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 85% complete. **Farm activities** for the week included cutting and baling hay, farm maintenance.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	5	30	65	0
Tanana Valley.....	0	30	70	0
Matanuska Valley.....	20	35	45	0
Kenai Peninsula.....	0	0	100	0
Subsoil Moisture – State	5	50	45	0
Tanana Valley.....	0	50	50	0
Matanuska Valley.....	10	55	35	0
Kenai Peninsula.....	0	0	100	0

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	63	62	61	61	60	61	78	48	0.76
Sawmill Creek.....	53	54	58	na	na	na	71	40	0.13
Plant Materials Center.....	na	50	65	na	49	62	78	47	0.46

Pan Evaporation^{1/} UAF-AFES, Matanuska Experiment Farm, Palmer: 0.987

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Crop Progress -- Alaska

	Percent completed			
	This week	Last week	Last year	5 year average
	(percent)	(percent)	(percent)	(percent)
Barley Turning Color.....	25	10	19	18
Oats Turning Color	10	0	0	5
Hay Harvested.....	85	75	84	86

na – not available

Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	5	20	35	40	0
Oats.....	0	15	50	35	0
Potatoes.....	0	5	35	45	15
Hay.....	0	10	35	40	15
Range and Pasture.....	0	15	55	25	5

Weekly Weather Statistics — Alaska: July 27 - August 2, 2015

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.....	70	48	60	-2	2.03	4	4.17	+0.32	27	860	+115	1,754
Fairbanks-Eielson	70	43	58	-3	0.78	5	5.00	+0.18	30	682	-21	1,546
Nenana	73	45	59	-2	0.47	4	3.39	-0.18	26	829	+190	1,718
Fort Greely-Allen	68	49	58	-2	0.63	4	4.80	-1.28	27	737	+94	1,606
Healy River Airport.....	70	46	57	-2	1.44	7	6.05	+0.18	50	627	+111	1,496
Gulkana Airport.....	75	39	57	+1	0.57	5	2.47	-1.60	21	570	+226	1,424
Sutton	72	49	58	+2	0.68	6	6.85	+2.13	54	468	+121	1,320
Palmer	77	50	60	+3	0.73	4	1.86	-2.31	25	666	+205	1,580
Talkeetna	76	46	60	+2	0.83	4	6.19	-1.36	40	634	+161	1,522
Willow Airport.....	76	52	61	+3	0.71	5	6.00	+2.41	50	699	+254	1,601
Anchorage International	78	53	63	+5	0.61	5	3.85	+0.23	30	734	+284	1,618
Kenai.....	75	45	57	+2	0.05	2	3.58	-0.35	37	342	+100	1,122
Homer.....	71	46	57	+3	0.02	2	2.09	-1.51	32	462	+260	1,356
Kodiak.....	72	45	58	+4	0.16	2	12.73	-3.32	50	394	+194	1,199

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2015.

For more weather information visit www.awis.com or call 1-888-798-9955.

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