



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: July 5, 2015

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ALASKA: There were **6.0 days suitable for fieldwork** last week. Temperatures were below normal in the Tanana Valley but were at or above normal for Southcentral and the Kenai. The amount of precipitation varied around the state with the Tanana Valley reporting several days with rain while precipitation in Southcentral and on the Kenai varied by location. **Crop growth** was reported as 30% slow, 60% moderate, 10% rapid statewide. No **wind and rain damage to crops** was reported last week.

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Crop growth** was reported as 30% slow, 65% moderate, 5% rapid. First cutting **hay harvest** was reported as 25% complete. **Farm activities** for the week included mowing and baling hay, herbicide spraying on hay crops, fence construction and maintenance. Farmers markets were selling a variety of vegetables and herbs.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Crop growth** was reported as 40% slow, 45% moderate, 15% rapid. First cutting **hay harvest** was reported as 50% complete. **Farm activities** for the week included harvesting hay and vegetables, weed control, irrigation, fence repair and general farm maintenance.

KENAI PENINSULA: An average of **6.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 85% complete. **Farm activities** for the week included cutting and baling hay on the south peninsula, waiting for a dry spell to for hay harvest on the central peninsula.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	10	20	70	0
Tanana Valley.....	0	0	100	0
Matanuska Valley.....	30	50	20	0
Kenai Peninsula.....	0	10	90	0
Subsoil Moisture – State	5	50	45	0
Tanana Valley.....	0	50	50	0
Matanuska Valley.....	5	65	30	0
Kenai Peninsula.....	0	5	95	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.....	60	59	56	64	58	57	73	44	0.00
Sawmill Creek.....	52	56	51	na	na	na	79	41	1.54
Plant Materials Center.....	na	58	na	na	57	na	77	45	0.00

Pan Evaporation^{1/} UAF-AFES, Matanuska Experiment Farm, Palmer: 1.161

^{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 (percent)	Last week (percent)	Last year (percent)	5 year average (percent)
Barley Headed.....	30	10	17	34
Oats Headed	5	5	0	12
Hay Harvested.....	40	25	18	31

na – not available

Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	15	20	40	25	0
Oats.....	10	25	40	25	0
Hay.....	10	20	30	30	10

Weekly Weather Statistics — Alaska: June 29 - July 5, 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.....	80	47	60	-3	0.45	4	1.55	-0.70	16	529	+125	1,143
Fairbanks-Eielson	80	43	58	-5	1.73	3	2.96	+0.21	17	414	+37	998
Nenana	79	43	60	-2	0.28	3	1.72	+0.00	15	499	+164	1,108
Fort Greely-Allen	76	45	57	-4	1.09	3	2.51	-1.09	15	464	+118	1,053
Healy River Airport	75	45	57	-3	1.35	4	2.95	-0.53	28	369	+116	958
Gulkana Airport	72	33	56	+0	0.03	1	0.91	-1.52	9	324	+176	898
Sutton	69	45	55	-1	0.58	5	4.07	+1.44	32	245	+90	817
Palmer	74	46	57	-1	0.00	0	0.74	-1.53	11	362	+127	996
Talkeetna	70	42	56	-3	1.09	5	3.54	-0.96	26	353	+129	961
Willow Airport	73	49	59	+2	0.56	5	3.33	+1.43	30	384	+187	1,006
Anchorage International	75	50	60	+3	0.11	2	1.50	-0.46	15	378	+166	982
Kenai.....	71	42	55	+2	0.38	5	2.03	-0.24	24	160	+64	660
Homer.....	68	44	56	+4	0.14	5	0.96	-1.27	22	291	+215	905
Kodiak.....	74	48	56	+4	1.56	5	9.96	-2.48	36	184	+111	709

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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