



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: June 14, 2015

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ALASKA: There were **6.0 days suitable for fieldwork** last week. Temperatures varied with the Tanana Valley generally below normal, the Matanuska Valley near normal and the Kenai Peninsula slightly above normal. Most of the major growing areas received some precipitation. **Crop growth** was reported as 50% slow, 50% moderate statewide.

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Crop growth** was reported as 80% slow, 20% moderate. **Farm activities** for the week included spraying weeds on hay and grain ground, spreading manure, seeding forage oats, irrigation, preparing equipment for haying.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Crop growth** was reported as 10% slow, 80% moderate, 10% rapid. **Farm activities** for the week included the start of hay harvest, weed control, cultivating fields, irrigation, fence repair, preparing equipment for haying.

KENAI PENINSULA: An average of **5.0 day was suitable for fieldwork**. **Farm activities** for the week included waiting for dry weather to begin hay harvest in the south peninsula, preparing for hay harvest.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	20	45	35	0
Tanana Valley.....	40	50	10	0
Matanuska Valley.....	0	50	50	0
Kenai Peninsula.....	0	0	100	0
Subsoil Moisture – State	10	50	40	0
Tanana Valley.....	20	65	15	0
Matanuska Valley.....	0	35	65	0
Kenai Peninsula.....	0	0	100	0

Soil Temperatures (F °) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	57	54	na	61	52	na	77	43	0.13
Sawmill Creek.....	41	46	47	na	na	na	66	31	0.12
Plant Materials Center.....	na	na	62	na	na	63	81	39	0.23

Pan Evaporation^{1/} UAF-AFES, Matanuska Experiment Farm, Palmer: 1.188

^{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 Emerged.....	100	95	100	98
Oats Emerged.....	90	55	85	87
Potatoes Emerged.....	20	na	15	19

na – not available

Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	20	30	40	10	0
Oats.....	15	25	40	20	0
Hay.....	10	25	30	35	0

Weekly Weather Statistics — Alaska: June 8 - June 14, 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.....	69	37	53	-7	0.11	3	0.68	-0.52	9	236	+79	640
Fairbanks-Eielson	68	37	51	-7	0.25	4	0.89	-0.49	11	170	+23	544
Nenana	70	38	52	-6	0.47	3	0.91	+0.18	7	217	+93	616
Fort Greely-Allen.....	64	37	51	-6	0.43	4	0.76	-0.97	8	221	+71	600
Healy River Airport.....	68	40	51	-5	0.39	5	1.15	-0.51	16	132	+47	511
Gulkana Airport.....	69	31	49	-3	0.63	3	0.86	-0.36	7	119	+73	484
Sutton	71	42	51	-2	0.64	6	3.03	+1.61	23	55	+3	417
Palmer	77	40	54	+0	0.20	3	0.74	-0.43	11	130	+37	554
Talkeetna	75	42	53	-2	0.64	6	2.44	-0.24	20	106	+33	504
Willow Airport.....	74	46	54	+1	0.44	5	2.43	+1.41	22	126	+67	538
Anchorage International	72	46	55	+2	0.21	4	1.26	+0.14	12	116	+38	510
Kenai.....	73	37	50	+1	0.08	3	1.61	+0.21	18	10	-20	300
Homer.....	78	45	54	+6	0.10	2	0.74	-0.75	14	92	+70	496
Kodiak.....	70	38	51	+3	0.17	4	7.17	-1.82	24	43	+19	358

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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