



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: June 21, 2015

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ALASKA: There were **7.0 days suitable for fieldwork** last week. Temperatures were five or more degrees above normal for most of the major growing areas with only small amounts of precipitation. **Crop growth** was reported as 50% slow, 50% moderate statewide.

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Crop growth** was reported as 80% slow, 20% moderate. First cutting **hay harvest** was reported as 10% complete. **Farm activities** for the week included harvesting hay, spraying weeds on barley and oats, fence construction, seeding forage oats, irrigation. Farmers markets are selling greenhouse grown vegetables.

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

KENAI PENINSULA: An average of **7.0 day was suitable for fieldwork**. **Crop growth** was reported as 100% moderate. First cutting **hay harvest** was reported as 15% complete. **Farm activities** for the week included harvesting hay on the south peninsula, preparing for hay harvest.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	30	40	30	0
Tanana Valley.....	50	40	10	0
Matanuska Valley.....	15	45	40	0
Kenai Peninsula.....	0	5	95	0
Subsoil Moisture – State	15	50	35	0
Tanana Valley.....	25	65	10	0
Matanuska Valley.....	0	40	60	0
Kenai Peninsula.....	0	5	95	0

Soil Temperatures (F^o) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2015	2014	2013	2015	2014	2013	High	Low	
UAF-AFES, Trunk Rd.....	na	56	55	na	53	60	na	na	na
Sawmill Creek.....	48	47	53	na	na	na	83	40	0.04
Plant Materials Center.....	61	55	61	62	55	62	86	47	0.02

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

^{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 Pre-boot.....	100	100	100	100
Oats Pre-boot	100	100	100	100
Potatoes Emerged.....	80	20	66	53
Hay Harvested.....	10	na	3	3

na – not available

Crop Condition -- Alaska

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley.....	25	25	40	10	0
Oats.....	15	30	35	20	0
Hay.....	10	25	30	30	5

Weekly Weather Statistics — Alaska: June 15 - June 21, 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.....	85	47	68	+8	0.07	1	0.75	-0.80	10	361	+130	835
Fairbanks-Eielson	84	45	63	+4	0.06	1	0.95	-0.85	12	265	+50	709
Nenana	86	46	66	+8	0.18	1	1.09	+0.08	8	331	+145	800
Fort Greely-Allen	82	44	64	+7	0.16	1	0.92	-1.42	9	323	+116	772
Healy River Airport	82	46	64	+8	0.08	1	1.23	-0.99	17	234	+102	683
Gulkana Airport	83	41	62	+9	0.02	1	0.88	-0.71	8	205	+133	640
Sutton	82	48	63	+10	0.00	0	3.03	+1.26	23	147	+67	579
Palmer	86	46	65	+10	0.00	0	0.74	-0.75	11	238	+104	732
Talkeetna	89	49	67	+12	0.00	0	2.44	-0.80	20	227	+112	695
Willow Airport	85	51	66	+12	0.00	0	2.43	+1.14	22	243	+146	725
Anchorage International	83	51	65	+11	0.00	0	1.26	-0.14	12	225	+110	689
Kenai.....	86	43	61	+10	0.00	0	1.61	-0.07	18	88	+42	448
Homer.....	83	48	63	+13	0.00	0	0.74	-0.96	14	181	+145	655
Kodiak.....	80	47	60	+11	0.04	2	7.21	-3.01	26	111	+74	496

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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