



Crop Progress and Condition



National Agricultural Statistics Service

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For Week Ending: August 23, 2015

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ALASKA: There were **5.0 days suitable for fieldwork** last week. Temperatures last week ranged from four degrees below normal around Delta Junction to 5 degrees above normal on Kodiak. Most areas received some precipitation. **Wind and rain damage to crops** was reported as 95% none, 5% moderate.

TANANA VALLEY: An average of **4.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 92% complete; second cutting was 10% complete as rain hampered harvest. **Farm activities** for the week included baling hay, preparing equipment for grain harvest, fence construction and maintenance.

MATANUSKA VALLEY: An average of **5.5 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 99% complete. Second cutting was 15% complete. **Farm activities** for the week included harvesting hay, small grains, grass seed and vegetables, fence construction, irrigation, general farm maintenance.

KENAI PENINSULA: An average of **6.0 days was suitable for fieldwork**. First cutting **hay harvest** was reported as 100% complete; second cutting was underway. **Farm activities** for the week included general farm maintenance and equipment repair.

Soil Moisture -- Alaska

	Very short (percent)	Short (percent)	Adequate (percent)	Surplus (percent)
Topsoil Moisture – State.....	5	10	75	10
Tanana Valley.....	0	0	80	20
Matanuska Valley.....	20	10	70	0
Kenai Peninsula.....	0	10	90	0
Subsoil Moisture – State	5	35	60	0
Tanana Valley.....	0	40	60	0
Matanuska Valley.....	15	25	60	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.....	56	58	57	49	55	48	67	39	1.30
Sawmill Creek.....	50	55	49	na	na	na	67	30	1.87
Plant Materials Center.....	na	55	58	na	56	55	68	37	0.09

Pan Evaporation^{1/} UAF-AFES, Matanuska Experiment Farm, Palmer: 1.094

^{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 Ripe.....	10	5	9	37
Oats Turning Color	30	25	9	35
First Cutting Hay Harvested.....	95	95	95	95
Second Cutting Hay Harvested.....	10	10	9	14

na – not available

Crop Condition -- Alaska

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

Weekly Weather Statistics — Alaska: August 17 - August 23, 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	45	55	+0	0.50	5	4.99	-0.08	40	1,020	+126	2,123
Fairbanks-Eielson	70	37	52	-3	0.69	5	6.61	+0.19	43	799	-50	1,872
Nenana	67	44	56	+2	0.54	5	4.21	-0.75	36	986	+220	2,085
Fort Greely-Allen	66	36	51	-4	0.79	4	6.42	-1.17	37	852	+68	1,928
Healy River Airport	63	40	53	-2	0.86	6	7.54	+0.00	63	743	+111	1,821
Gulkana Airport	65	34	50	-3	2.17	6	5.83	+0.50	30	656	+213	1,709
Sutton	65	41	53	-1	1.13	6	8.68	+2.24	65	601	+145	1,663
Palmer	67	41	54	-2	1.01	4	3.42	-2.26	31	838	+243	1,962
Talkeetna	71	40	56	+2	0.31	3	7.81	-2.76	47	816	+211	1,914
Willow Airport	70	44	57	+1	0.72	5	7.28	+1.96	58	899	+298	2,011
Anchorage International	71	46	58	+3	0.48	3	4.79	-0.80	35	957	+360	2,051
Kenai.....	70	37	56	+2	0.69	3	4.86	-0.77	43	460	+121	1,450
Homer.....	68	40	54	+2	0.69	3	3.13	-1.90	38	579	+285	1,683
Kodiak.....	70	45	59	+5	0.49	2	14.58	-4.27	58	578	+261	1,593

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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