



# Alaska Crop Weather

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Released: August 12, 2013

**GENERAL:** There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% very short, 55% short, 30% adequate. **Subsoil moisture** supplies were 20% very short, 50% short, 30% adequate. **Barley** was reported as 45% turning color. **Oats** were reported as 25% turning color. **First cutting hay harvest** was 98% complete with second cutting underway in the Tanana Valley. **Wind or rain damage** was reported as 95% none, 5% light. **Condition of barley** was reported as 15% very poor, 25% poor, 35% fair, 25% good. **Condition of oats** was reported as 10% very poor, 15% poor, 30% fair, 45% good. **Condition of hay** was reported as 5% very poor, 15% poor, 40% fair, 40% good. **Condition of potatoes** was reported as 25% fair, 60% good, 15% excellent. **Condition of pasture** was reported as 10% very poor, 25% poor, 45% fair, 20% good. The main **farm activities** for the week were harvesting hay and vegetables, irrigation, fertilizing, weed control, preparing for grain harvest, equipment and fence maintenance.

CROP WEATHER SUMMARY		
August 5 – August 11, 2013		
Days Suitable for Fieldwork: 6.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	15%	20%
Short	55%	50%
Adequate	30%	30%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.76

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork** as the weather remained hot and dry. **Topsoil moisture** was reported as 25% very short, 60% short, 15% adequate. **Subsoil moisture** was reported as 25% very short, 50% short, 25% adequate. **Barley** was reported as 45% turning color with some ripe fields reported around Fairbanks. **Oats** were reported as 25% turning color. **First cutting hay harvest** was 97% complete; second cutting was 20% complete. No **wind or rain damage** was reported. **Condition of barley** was reported as 15% very poor, 25% poor, 35% fair, 25% good. **Condition of oats** was reported as 15% very poor, 20% poor, 30% fair, 35% good. **Condition of hay** was reported as 10% very poor, 15% poor, 50% fair, 25% good. **Condition of potatoes** was reported as 20% fair, 45% good, 35% excellent. **Condition of pasture** was reported as 15% very poor, 35% poor, 50% fair. **Farm activities** for the week included harvesting hay and vegetables, irrigation, weed control, fertilizing, preparing for grain harvest, fence and equipment maintenance.

**MATANUSKA VALLEY:** An average of **5.0 days was suitable for fieldwork** as rain finally fell across the Southcentral. **Topsoil moisture** was reported as 5% very short, 55% short, 40% adequate. **Subsoil moisture** was reported as 10% very short, 60% short, 30% adequate. **First cutting hay harvest** was 99% complete. **Wind or rain damage** was reported as 90% none, 10% light. **Condition of hay** was reported as 15% poor, 35% fair, 50% good. **Condition of potatoes** was reported as 25% fair, 65% good, 10% excellent. **Condition of pasture** was reported as 10% very poor, 15% poor, 50% fair, 25% good. **Farm activities** for the week included irrigating, fertilizing, weed control, harvesting hay and vegetables, planting cover crops, fence and equipment maintenance.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork** as rain also fell across the Kenai. **Topsoil and subsoil moisture** were reported as 100% adequate. **First cutting hay harvest** was 98% complete. **Wind or rain damage** was reported as 80% none, 20% light. **Condition of hay and pasture** were reported as 100% good. **Farm activities** for the week included harvesting hay, weed control, equipment maintenance.

### Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2013	2012	2011	2013	2012	2011	High	Low	
UAF-AFES, Trunk Rd	59	na	57	58	na	55	71	51	0.56
Sawmill Creek	53	55	53	na	na	na	81	38	0.00
Plant Materials Center	61	56	52	58	58	50	70	50	0.47

**\*PAN EVAPORATION:** 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.

#### Weather Summary for Alaska Agricultural Statistics Service Prepared By AWIS.com from NWS preliminary data

For the Period: **Monday August 5, 2013**  
To: **Sunday August 11, 2013**

STATION	LAST WEEK WEATHER SUMMARY						May 1, 13 - August 11, 13					GDD BASE 40F TOT	
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F			BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN		
Fairbanks Intl	85	49	64	+7	0.01	1	1.65	-2.74	19	1210	+388	2045	
Fairbanks/Eiels	85	43	62	+4	0.01	1	1.29	-4.25	16	979	+201	1813	
Nenana Muni AM	82	42	62	+5	0.02	1	2.49	-1.71	25	1023	+317	1846	
Ftgreely/Allen	79	52	65	+8	0.00	0	2.91	-3.88	24	1012	+298	1833	
Healy River Air	76	47	60	+4	0.06	2	2.52	-4.07	32	892	+316	1707	
Gulkana Arpt A	73	33	56	+2	0.10	2	3.72	-0.89	25	732	+338	1550	
Sutton	66	48	56	+0	0.93	7	6.18	+0.74	44	613	+213	1419	
Palmer Municipa	69	50	59	+3	0.43	3	3.26	-1.54	23	783	+258	1636	
Talkeetna	73	50	59	+3	0.79	5	6.54	-2.24	28	845	+306	1670	
Willow Airport	68	51	59	+2	0.84	7	4.92	+0.62	42	857	+337	1705	
Anchorage Intl	68	52	60	+3	1.01	7	3.76	-0.64	27	821	+301	1676	
Kenai Municipal	65	48	56	+1	0.87	5	6.33	+1.73	37	382	+95	1174	
Homer	66	48	58	+4	0.13	6	2.64	-1.50	35	431	+185	1237	
Kodiak	65	40	54	-2	2.60	6	12.21	-4.93	45	452	+198	1234	

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