



Alaska Crop Weather

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GENERAL: There were **5.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% very short, 45% short, 45% adequate. **Subsoil moisture** supplies were 15% very short, 40% short, 45% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 20% in dough. **First cutting hay harvest** was 95% complete with second cutting underway around Fairbanks. **Wind or rain damage** was reported as 99% none, 1% light. **Condition of barley** was reported as 10% very poor, 20% poor, 40% fair, 30% good. **Condition of oats** was reported as 10% very poor, 10% poor, 30% fair, 50% good. **Condition of hay** was reported as 15% poor, 35% fair, 50% good. **Condition of potatoes** was reported as 25% fair, 60% good, 15% excellent. **Condition of pasture** was reported as 15% very poor, 30% poor, 30% fair, 25% good. The main **farm activities** for the week were harvesting hay, grass seed and vegetables, irrigation, fertilizing, weed control, equipment and fence maintenance.

CROP WEATHER SUMMARY		
July 22 – July 28, 2013		
Days Suitable for Fieldwork: 5.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	10%	15%
Short	45%	40%
Adequate	45%	45%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		1.65

TANANA VALLEY: An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% very short, 45% short, 50% adequate. **Subsoil moisture** was reported as 15% very short, 45% short, 40% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 20% in dough. **First cutting hay harvest** was 95% complete; second cutting was underway around Fairbanks. **Condition of barley** was reported as 10% very poor, 20% poor, 40% fair, 30% good. **Condition of oats** was reported as 10% very poor, 15% poor, 35% fair, 40% good. **Condition of hay** was reported as 5% very poor, 15% poor, 40% fair, 40% good. **Condition of potatoes** was reported as 20% fair, 45% good, 35% excellent. **Farm activities** for the week included harvesting hay, grass seed and vegetables, irrigation, weed control, fertilizing, planting forage oats, fence and equipment maintenance.

MATANUSKA VALLEY: An average of **5.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 20% very short, 55% short, 25% adequate. **Subsoil moisture** was reported as 15% very short, 45% short, 40% adequate. **First cutting hay harvest** was 95% complete. **Condition of hay** was reported as 15% poor, 40% fair, 45% good. **Condition of potatoes** was reported as 30% fair, 65% good, 5% excellent. **Farm activities** for the week included irrigating, fertilizing, weed control, harvesting hay and vegetables, fence and equipment maintenance.

KENAI PENINSULA: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 100% adequate. **Subsoil moisture** was also reported as 100% adequate. **First cutting hay harvest** was 85% complete. **Condition of hay and potatoes** were reported as 100% good. **Farm activities** for the week included harvesting hay and peonies, weed control, equipment maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2013	2012	2011	2013	2012	2011	High	Low	
UAF-AFES, Trunk Rd	64	na	60	65	na	59	80	51	0.03
Sawmill Creek	58	60	56	na	na	na	77	47	0.09
Plant Materials Center	63	58	56	60	56	53	82	46	0.33

***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 July 22, 2013
 To: Sunday July 28, 2013

STATION	LAST WEEK WEATHER SUMMARY						May 1, 13 - July 28, 13 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	81	48	64	+3	0.00	0	1.64	-1.91	18	974	+281	1669
Fairbanks/Eiels	78	43	62	+1	0.05	1	1.28	-3.14	15	774	+122	1468
Nenana_Muni_AM	81	43	63	+3	0.07	2	2.47	-0.75	24	812	+219	1495
Ftgreely/Allen	76	51	62	+3	0.13	2	2.91	-2.76	24	774	+178	1455
Healy_River_Air	79	48	63	+5	0.09	2	2.43	-3.02	29	706	+230	1381
Gulkana_Arpt_A	84	38	62	+6	0.28	2	3.62	-0.15	23	580	+269	1258
Sutton	76	49	62	+6	0.15	1	4.92	+0.60	35	486	+173	1152
Palmer_Municipa	80	47	64	+7	0.33	1	2.83	-0.99	20	627	+206	1340
Talkeetna	83	49	66	+8	0.12	1	5.62	-1.30	21	680	+249	1365
Willow_Airport	80	52	66	+7	0.17	1	3.90	+0.66	33	689	+289	1397
Anchorage_Intl	79	54	66	+8	0.05	1	2.75	-0.49	20	657	+247	1372
Kenai_Municipal	75	45	58	+3	1.95	2	5.36	+1.78	29	285	+68	937
Homer	76	45	61	+7	0.00	0	2.50	-0.81	28	304	+127	970
Kodiak	78	50	61	+7	0.02	1	7.37	-8.08	35	362	+187	1007

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