



Alaska Crop Weather

PO Box 799 · Palmer, AK 99645
(907) 745-4272 · (907) 746-4654 FAX · www.nass.usda.gov/ak

Released: July 8, 2013

GENERAL: There were **6.0 days suitable for fieldwork** last week. Temperatures were generally cooler than normal with parts of Southcentral getting a small amount of rain. **Topsoil moisture** supplies were reported as 10% very short, 40% short, 50% adequate. **Subsoil moisture** supplies were listed as 30% short, 70% adequate. **Barley** was reported as 35% headed. **Oats** were reported as 15% headed. **Potatoes** were reported as 95% emerged. **First cutting hay harvest** was 55% complete. **Crop growth** was reported as 5% slow, 70% moderate, 25% rapid. **Wind or rain damage** was reported as 98% none, 2% light. **Condition of barley** was reported as 10% poor, 30% fair, 50% good, 10% excellent. **Condition of oats** was reported as 10% very poor, 10% poor, 30% fair, 50% good. **Condition of hay** was reported as 20% poor, 45% fair, 30% good, 5% excellent. **Condition of potatoes** was reported as 30% fair, 70% good. The main **farm activities** for the week were harvesting hay, irrigating, spraying for weeds, equipment, building and fence maintenance.

CROP WEATHER SUMMARY		
July 1 – July 7, 2013		
Days Suitable for Fieldwork: 6.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	10%	0%
Short	40%	30%
Adequate	50%	70%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.640

TANANA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 20% very short, 55% short, 25% adequate. **Subsoil moisture** was reported as 40% short, 60% adequate. **Barley** was reported as 40% headed. **Oats** were reported as 15% headed. **Potatoes** were reported as 80% emerged. **First cutting hay harvest** was 60% complete. **Crop growth** was reported as 75% moderate, 25% rapid. **Condition of barley** was reported as 10% poor, 30% fair, 50% good, 10% excellent. **Condition of oats** was reported as 10% very poor, 10% poor, 30% fair, 50% good. **Condition of hay** was reported as 35% poor, 40% fair, 25% good. **Farm activities** for the week included harvesting hay, irrigating, spraying weeds, fertilizing for second cutting of hay, fence and equipment maintenance.

MATANUSKA VALLEY: An average of **5.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 30% short, 70% adequate. **Subsoil moisture** was reported as 5% very short, 15% short, 80% adequate. **Potatoes** were reported as 100% emerged. **First cutting hay harvest** was 55% complete. **Crop growth** was reported as 10% slow, 60% moderate, 30% rapid. **Condition of hay** was reported as 15% poor, 35% fair, 40% good, 10% excellent. **Farm activities** for the week included cultivating fields, fertilizing, weed control, harvesting hay, 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. **Potatoes** were reported as 100% emerged. **Crop growth** was reported as 100% moderate. Hay harvest was underway. **Condition of hay** was reported as 100% fair. **Farm activities** for the week included harvesting hay, weed control, equipment and fence 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	56	58	na	57	na	na	66	48	0.05
Sawmill Creek	51	56	48	na	na	na	84	34	0.00
Plant Materials Center	na	56	56	na	59	54	68	48	0.01

***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 1, 2013
 To: Sunday July 7, 2013

STATION	LAST WEEK WEATHER SUMMARY						May 1, 13 - July 7, 13 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	85	47	62	-1	0.09	4	0.73	-1.62	13	679	+249	1164
Fairbanks/Eiels	86	42	60	-3	0.00	0	0.26	-2.63	9	537	+136	1021
Nenana_Muni_AM	81	45	60	-2	0.31	3	0.99	-0.85	16	575	+217	1048
Ftgreely/Allen	79	46	61	+0	0.01	1	1.38	-2.40	15	539	+171	1010
Healy_River_Air	77	46	57	-3	0.50	6	1.24	-2.42	19	467	+194	932
Gulkana_Arpt_A	77	44	55	-2	0.06	1	2.45	-0.10	15	352	+190	820
Sutton	61	47	53	-4	1.13	7	4.13	+1.36	28	274	+107	730
Palmer_Municipa	66	48	56	-2	0.01	1	2.02	-0.37	13	371	+120	874
Talkeetna	63	49	55	-5	1.51	6	5.31	+0.63	16	400	+158	875
Willow_Airport	62	50	56	-3	0.95	7	3.30	+1.30	26	405	+192	903
Anchorage_Intl	64	50	56	-3	0.66	6	2.39	+0.35	15	366	+138	871
Kenai_Municipal	60	47	52	-3	0.83	7	2.95	+0.58	25	143	+37	585
Homer	62	45	54	+2	0.83	6	2.45	+0.14	27	135	+51	592
Kodiak	59	44	52	-1	1.35	6	7.28	-5.45	33	160	+80	595

For more weather information visit www.awis.com
 or call 1-888-798-9955.

Copyright 2013: Agricultural Weather Information Service, Inc.
 All rights reserved.

USDA/NASS/Alaska Field Office
 PO Box 799
 Palmer, AK 99645