



# Alaska Crop Weather

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

RELEASED: July 30, 2012

**GENERAL:** There were **6.5 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 90% adequate. **Subsoil moisture** supplies were also listed as 10% short, 90% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 20% in dough. **Hay** harvest was 80% complete. **Wind or rain damage** to crops was reported as 95% none, 5% light. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the oat crop** was listed as 15% fair, 60% good, 25% excellent. **Condition of all hay** was listed as 10% poor, 20% fair, 60% good, 10% excellent. **Condition of potatoes** was listed as 20% fair, 70% good, 10% excellent. The main **farm activities** for the week were harvesting hay, weed control, CRP maintenance, working fallow ground, irrigating, equipment repair.

CROP WEATHER SUMMARY		
July 23 – July 29, 2012		
Days Suitable for Fieldwork: 6.5		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	10%
Adequate	90%	90%
Surplus	0%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% short, 95% adequate. **Subsoil moisture** was also reported as 5% short, 95% adequate. **Barley** was reported as 15% turning color. **Oats** were reported as 20% in dough. **Hay** harvest was 80% complete. **Wind or rain damage** to crops was reported as 90% none, 10% light. **Condition of the barley crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 10% poor, 30% fair, 45% good, 15% excellent. **Condition of potatoes** was listed as 30% fair, 60% good, 10% excellent. **Farm activities** for the week included harvesting hay, CRP maintenance, working fallow ground, equipment repair.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported at 15% short, 85% adequate. **Hay** harvest was 80% complete. **Wind or rain damage** to crops was reported as 100% none. **Condition of all hay** was listed as 15% poor, 15% fair, 70% good. **Condition of potatoes** was listed as 10% fair, 80% good, 10% excellent. **Farm activities** for the week included harvesting hay, weed control, irrigating crops, equipment repair.

**KENAI PENINSULA:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 50% adequate, 50% surplus. **Subsoil moisture** was reported at 50% adequate, 50% surplus. First cutting **hay** harvest was 100% complete. **Condition of all hay** was listed as 100% good. **Farm activities** for the week included harvesting hay, weed control, equipment repair.

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

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	60	58	na	59	56	na	na	na
Sawmill Creek	60	56	56	na	na	na	78	42	0.05
Plant Materials Center	58	56	52	56	53	na	69	41	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 23, 2012  
 To: Sunday July 29, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - July 29, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	81	51	64	+4	0.22	3	4.54	+0.88	30	704	-11	1493
Fairbanks/Eiels	80	47	62	+2	0.63	3	5.81	+1.24	38	575	-98	1339
Nenana_Muni_AM	79	49	63	+4	0.30	2	5.45	+2.09	29	585	-27	1353
Ftgreely/Allen	79	48	63	+4	0.12	1	5.45	-0.38	35	508	-107	1250
Healy_River_Air	76	47	60	+2	0.15	2	5.22	-0.38	45	415	-77	1155
Gulkana_Arpt_A	80	42	59	+3	0.16	2	4.33	+0.45	46	254	-71	891
Sutton	70	45	56	-2	0.13	2	6.08	+1.62	59	186	-141	870
Palmer_Municipa	72	47	58	-1	0.14	2	3.23	-0.72	35	325	-112	1080
Talkeetna	75	44	58	-1	0.14	1	4.30	-2.82	38	360	-89	1103
Willow_Airport	73	49	59	-1	0.10	2	5.42	+2.05	49	374	-44	1148
Anchorage_Intl	69	49	58	-1	0.08	2	3.68	+0.32	28	342	-84	1101
Kenai_Municipal	65	42	54	-3	0.13	3	4.15	+0.46	37	141	-86	833
Homer	65	40	51	-5	0.02	1	3.55	+0.17	32	41	-146	595
Kodiak	66	43	53	-2	0.14	3	10.17	-5.32	51	115	-70	743

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