



Alaska Crop Weather

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RELEASED: August 20, 2012

GENERAL: There were **6.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 15% short, 85% adequate. **Subsoil moisture** supplies were also listed as 15% short, 85% adequate. **Barley** was reported as 20% ripe, with harvested underway in Fairbanks. **Oats** were reported as 80% in dough. **First cutting hay** harvest was nearing completion; **second cutting** was reported as 10% complete. **Wind or rain damage** to crops was reported as 85% none, 10% light, 5% moderate. **Condition of the barley crop** was listed as 10% fair, 60% good, 30% excellent. **Condition of the oat crop** was listed as 15% fair, 60% good, 25% excellent. **Condition of all hay** was listed as 5% poor, 40% fair, 50% good, 5% excellent. **Condition of potatoes** was listed as 20% fair, 70% good, 10% excellent. **Condition of range and pasture** was listed as 5% very poor, 5% poor, 20% fair, 70% good. The main **farm activities** for the week were harvesting hay and straw, weed control, CRP maintenance, working fallow ground, equipment repair.

CROP WEATHER SUMMARY		
August 13 – August 19, 2012		
Days Suitable for Fieldwork: 6.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	15%	15%
Adequate	85%	85%
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 20% short, 80% adequate. **Subsoil moisture** was reported as 20% short, 80% adequate. **Barley** was reported as 20% ripe with harvest underway in Fairbanks. **Oats** were reported as 80% in dough. **First cutting hay** harvest was 99% complete; second cutting was 25% complete. **Wind or rain damage** to crops was reported as 80% none, 15% light, 5% moderate. **Condition of the barley crop** was listed as 10% fair, 60% good, 30% excellent. **Condition of the oat crop** was listed as 20% fair, 50% good, 30% excellent. **Condition of all hay** was listed as 5% poor, 40% fair, 45% good, 10% excellent. **Condition of potatoes** was listed as 40% fair, 50% good, 10% excellent. **Condition of range and pasture** was listed as 10% very poor, 15% poor, 25% fair, 45% good, 5% excellent. **Farm activities** for the week included harvesting hay and straw, CRP maintenance, drying grain, preparing for grain harvest.

MATANUSKA VALLEY: An average of **5.5 days was suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported at 10% short, 90% adequate. **First cutting hay** harvest was 98% complete, second cutting was just getting underway. **Wind or rain damage** to crops was reported as 90% none, 10% light. **Condition of all hay** was listed as 10% poor, 25% fair, 65% good. **Condition of potatoes** was listed as 10% fair, 80% good, 10% excellent. **Condition of range and pasture** was listed as 15% fair, 85% good. **Farm activities** for the week included harvesting hay, grass seed and vegetables, weed control, equipment repair.

KENAI PENINSULA: An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was also reported as 100% adequate. **Subsoil moisture** was also reported at 100% adequate. **First cutting hay** harvest was 100% complete. No **wind or rain damage** to crops was reported. **Condition of all hay** was listed as 100% fair. **Condition of range and pasture** was listed as 100% good. **Farm activities** for the week included preparing for second hay harvest and peony planting, weed control, equipment repair.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2012	2011	2010	2012	2011	2010	High	Low	
UAF-AFES, Trunk Rd	na	na	60	na	na	59	na	na	na
Sawmill Creek	55	53	57	na	na	na	79	36	0.05
Plant Materials Center	54	54	55	56	51	na	70	39	0.08

***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 13, 2012
 To: Sunday August 19, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - August 19, 12					GDD
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	40F
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	78	44	60	+5	0.13	2	4.80	-0.11	35	875	-4	1874
Fairbanks/Eiels	77	37	58	+2	0.00	0	6.38	+0.18	44	710	-124	1684
Nenana_Muni_AM	80	42	60	+5	0.11	2	6.01	+1.23	36	736	-18	1713
Ftgreely/Allen	78	45	61	+6	0.03	1	5.63	-1.77	39	688	-80	1640
Healy_River_Air	76	42	58	+4	0.11	3	5.65	-1.65	54	541	-79	1490
Gulkana_Arpt_A	75	30	54	+1	0.02	1	4.71	-0.43	53	322	-111	1161
Sutton	69	41	55	+2	0.19	3	6.95	+0.80	70	279	-165	1173
Palmer_Municipa	71	43	57	+2	0.10	3	3.94	-1.49	44	467	-113	1432
Talkeetna	74	41	57	+2	0.45	3	6.23	-3.85	48	511	-79	1464
Willow_Airport	72	45	59	+2	0.23	4	6.32	+1.28	61	538	-45	1522
Anchorage_Intl	71	46	59	+3	0.14	3	4.47	-0.80	36	513	-66	1482
Kenai_Municipal	70	37	55	+1	0.05	3	5.13	-0.20	47	239	-88	1137
Homer	62	39	52	-3	0.11	2	4.21	-0.54	41	84	-198	843
Kodiak	59	41	52	-4	1.00	5	12.96	-5.22	68	183	-119	1019

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