



# Alaska Crop Weather

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RELEASED: August 27, 2012

**GENERAL:** There were **5.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 10% short, 80% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 15% short, 85% adequate. **Barley** was reported as 10% harvested. **Oats** were reported as 50% turning color. **First cutting hay** harvest was nearing completion; **second cutting** was reported as 15% 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 25% fair, 70% good, 5% excellent. **Condition of range and pasture** was listed as 5% very poor, 10% poor, 20% fair, 65% good. The main **farm activities** for the week were harvesting hay and barley, baling straw, weed control, CRP maintenance, equipment repair.

CROP WEATHER SUMMARY		
August 20 – August 26, 2012		
Days Suitable for Fieldwork: 5.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	10%	15%
Adequate	80%	85%
Surplus	10%	0%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.260

**TANANA VALLEY:** An average of **5.0 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 10% harvested. **Oats** were reported as 50% turning color. **First cutting hay** harvest was 99% complete; second cutting was 30% complete. **Wind or rain damage** to crops was reported as 90% none, 10% light. **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, 35% fair, 50% good, 10% excellent. **Condition of potatoes** was listed as 45% fair, 50% good, 5% excellent. **Condition of range and pasture** was listed as 15% very poor, 15% poor, 30% fair, 40% good. **Farm activities** for the week included harvesting hay and barley, baling straw, CRP maintenance, equipment repair.

**MATANUSKA VALLEY:** An average of **5.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 80% adequate, 20% surplus. **Subsoil moisture** was reported as 5% short, 95% adequate. **First cutting hay** harvest was 99% complete, second cutting was less than 5% complete. **Wind or rain damage** to crops was reported as 80% none, 10% light, 10% moderate. **Condition of all hay** was listed as 10% poor, 30% fair, 60% good. **Condition of potatoes** was listed as 10% fair, 85% good, 5% 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 reported as 100% adequate. **Subsoil moisture** was also reported as 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 ( 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	57	58	60	54	na	55	68	43	0.66
Sawmill Creek	53	54	53	na	na	na	73	28	0.20
Plant Materials Center	56	52	52	54	54	na	61	38	0.59

**\*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 20, 2012  
 To: Sunday August 26, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - August 26, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION		GDD BASE 50F		BASE	
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	72	37	55	+2	0.27	2	5.07	-0.19	37	913	+3	1982
Fairbanks/Eiels	72	29	53	-2	0.17	3	6.55	-0.14	47	734	-131	1775
Nenana_Muni_AM	72	38	53	+0	0.15	2	6.16	+0.98	38	760	-19	1806
Ftgreely/Allen	69	36	55	+2	0.55	4	6.18	-1.64	43	725	-75	1745
Healy_River_Air	69	35	52	-1	0.27	5	5.92	-1.89	59	558	-86	1577
Gulkana_Arpt_A	68	29	50	-2	0.21	4	4.92	-0.62	57	332	-123	1235
Sutton	64	42	52	-2	0.61	5	7.56	+0.78	75	292	-179	1256
Palmer_Municipa	68	45	54	-1	0.87	4	4.81	-1.18	48	497	-117	1532
Talkeetna	68	39	53	-2	0.83	4	7.06	-4.08	52	532	-89	1555
Willow_Airport	67	45	55	-2	0.68	5	7.00	+1.33	66	572	-48	1626
Anchorage_Intl	65	45	55	-1	0.75	5	5.22	-0.75	41	546	-71	1585
Kenai_Municipal	63	36	50	-3	0.16	6	5.29	-0.69	53	245	-108	1212
Homer	59	39	50	-4	0.51	4	4.72	-0.62	45	89	-219	912
Kodiak	66	40	53	-2	0.38	2	13.34	-5.99	70	210	-124	1115

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