



# Alaska Crop Weather

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

RELEASED: August 13, 2012

**GENERAL:** There were **7.0 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 35% turning color. **Oats** were reported as 50% in dough. **First cutting hay** harvest was 95% complete; second cutting was just underway in the Delta Junction area. **Wind or rain damage** to crops was reported as 95% none, 5% light. **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, 35% fair, 55% 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, 65% good, 5% excellent. The main **farm activities** for the week were harvesting hay and grass seed, weed control, CRP maintenance, working fallow ground, equipment repair.

CROP WEATHER SUMMARY		
August 6 – August 12, 2012		
Days Suitable for Fieldwork: 7.0		
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 35% turning color. **Oats** were reported as 50% in dough. **First cutting hay** harvest was 95% complete; second cutting was just underway. **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, 40% fair, 45% good, 10% excellent. **Condition of potatoes** was listed as 30% fair, 60% 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 grass seed, CRP maintenance, working fallow ground, equipment repair.

**MATANUSKA VALLEY:** An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 5% very short, 10% short, 85% adequate. **Subsoil moisture** was reported at 20% short, 80% adequate. **First cutting hay** harvest was 95% complete. No **wind or rain damage** to crops was reported. **Condition of all hay** was listed as 10% poor, 15% fair, 75% 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 50% fair, 50% good. **Farm activities** for the week included harvesting hay and peonies, 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	57	61	na	55	59	na	na	na
Sawmill Creek	55	53	56	na	na	na	74	33	0.00
Plant Materials Center	56	52	54	58	50	na	71	40	0.00

**\*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 6, 2012  
 To: Sunday August 12, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - August 12, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE 40F
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	74	42	56	-3	0.11	2	4.67	+0.17	33	801	-35	1730
Fairbanks/Eiels	72	39	55	-4	0.06	1	6.38	+0.69	44	653	-139	1557
Nenana_Muni_AM	74	39	55	-3	0.40	2	5.90	+1.56	34	668	-50	1575
Ftgreely/Allen	72	44	58	+1	0.00	0	5.60	-1.32	38	612	-115	1494
Healy_River_Air	71	42	56	-1	0.09	1	5.54	-1.20	51	485	-102	1364
Gulkana_Arpt_A	73	36	52	-3	0.14	4	4.69	-0.03	52	290	-114	1061
Sutton	67	44	55	-2	0.08	2	6.76	+1.18	67	241	-169	1065
Palmer_Municipa	71	43	57	+1	0.01	1	3.84	-1.09	41	414	-124	1309
Talkeetna	74	44	59	+3	0.01	1	5.78	-3.25	45	457	-94	1340
Willow_Airport	71	47	59	+1	0.06	2	6.09	+1.64	57	477	-59	1391
Anchorage_Intl	69	48	59	+2	0.01	1	4.33	-0.24	33	449	-85	1348
Kenai_Municipal	69	37	55	-1	0.01	1	5.08	+0.35	44	200	-97	1031
Homer	62	43	52	-4	0.03	2	4.10	-0.14	39	67	-187	760
Kodiak	61	48	53	-3	0.88	6	11.96	-5.24	63	167	-99	935

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