



# Alaska Crop Weather

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RELEASED: May 14, 2012

**GENERAL:** There were **6.0 days suitable for fieldwork** last week. High temperatures were generally in the 50's and lows were right around freezing. **Topsoil moisture** supplies were reported as 5% short, 85% adequate, 10% surplus. **Subsoil moisture** supplies were listed as 5% short, 90% adequate, 5% surplus. **Fieldwork progress** was reported as on schedule. **Barley** was reported as 10% planted. **Hay supplies** were rated as 5% very short, 10% short, 80% adequate, 5% surplus. **Pasture and range condition** was listed as 50% poor, 15% fair, 35% good. **Condition of livestock** was listed as 10% fair, 65% good, 25% excellent. The main **farm activities** for the week were spreading fertilizer on hay and pasture, tilling fields, seeding barley, preparing machinery, general farm maintenance.

CROP WEATHER SUMMARY		
May 7 – May 13, 2012		
Days Suitable for Fieldwork: 6.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	5%	5%
Adequate	85%	90%
Surplus	10%	5%
Pan Evaporation*, UAF-AFES, Trunk Rd		0.972

**TANANA VALLEY:** An average of **7.0 days was suitable for fieldwork**. Strong winds helped dry out wet areas last week. **Topsoil moisture** was reported at 5% short, 85% adequate, 10% surplus. **Subsoil moisture supplies** were also 5% short, 85% adequate, 10% surplus. **Barley** was reported as 10% planted. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 90% adequate, 10% surplus. **Livestock condition** was listed as 10% fair, 50% good, 40% excellent. **Farm activities** for the week included spreading fertilizer on hay and pasture ground, spreading manure, seeding barley.

**MATANUSKA VALLEY:** An average of **6.0 days was suitable for fieldwork**. Strong winds helped dry out wet areas last week. **Topsoil moisture** was reported at 5% short, 90% adequate, 5% surplus. **Subsoil moisture** was reported as 5% short, 95% adequate. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 10% short, 90% adequate. **Livestock conditions** were listed at 10% fair, 70% good, 20% excellent. **Farm activities** for the week included preparing equipment, spreading fertilizer, disking fields.

**KENAI PENINSULA:** There were **0.0 days was suitable for fieldwork last week** as farmers continue to wait for fields to dry out. **Topsoil moisture and subsoil moisture** were both reported at 90% adequate, 10% surplus. **Fieldwork progress** was reported as on schedule. **Hay supplies** were reported as 60% very short, 30% short, 10% adequate. Major **farm activities** for the week included preparing equipment, planning fieldwork.

## 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	36	39	45	49	44	49	56	29	0.08
Sawmill Creek	33	30	32	na	na	na	58	26	0.01
Plant Materials Center	38	33	na	42	42	na	56	30	0.44

**\*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.

Weather Summary For Alaska Agricultural Statistics Service  
 Prepared By AWIS.com from NWS preliminary data

For the Period: Monday May 7, 2012  
 To: Sunday May 13, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - May 13, 12				GDD	
	TEMPERATURE			PRECIPITATION			PRECIPITATION	GDD BASE 50F		BASE		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	61	31	46	-2	0.00	0	0.01	-0.16	1	0	-2	48
Fairbanks/Eiels	62	27	44	-3	0.00	0	0.03	-0.15	1	0	-2	32
Nenana_Muni_AM	59	31	44	-3	0.00	0	0.04	-0.04	2	0	+2	31
Ftgreely/Allen	57	29	43	-3	0.14	1	0.14	-0.03	1	0	-15	27
Healy_River_Air	54	30	42	-2	0.08	3	0.11	-0.07	4	0	+3	20
Gulkana_Arpt_A	53	30	40	-2	0.61	4	0.96	+0.81	7	0	+0	8
Sutton	50	32	41	-4	1.73	6	1.84	+1.58	9	0	+0	9
Palmer_Municipa	56	32	43	-4	0.05	2	0.06	-0.18	3	0	-5	32
Talkeetna	57	28	42	-3	0.16	5	0.16	-0.47	5	0	+2	19
Willow_Airport	55	34	44	-2	1.24	5	1.29	+1.05	6	0	+0	37
Anchorage_Intl	55	35	44	-2	0.00	0	0.00	-0.26	0	0	-1	38
Kenai_Municipal	52	29	41	-3	0.22	4	0.22	-0.17	4	0	+0	13
Homer	48	28	38	-5	0.62	5	0.62	+0.10	5	0	+0	1
Kodiak	52	31	40	-3	1.04	5	1.48	-1.15	8	0	+0	13

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