



Alaska Crop Weather

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RELEASED: June 25, 2012

GENERAL: There were **7.0 days suitable for fieldwork** last week. **Topsoil moisture** supplies were reported as 20% short, 80% adequate. **Subsoil moisture** supplies were listed as 25% short, 75% adequate. **Barley** was reported as 5% in-boot. **Oats** were reported as 100% pre-boot. **Potatoes** were reported as 70% emerged. **Hay** harvest was 5% complete. **Crop growth** was reported as 10% slow, 70% moderate, 20% rapid. **Wind and 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 20% fair, 60% good, 20% excellent. **Condition of all hay** was listed as 10% poor, 25% fair, 50% good, 15% excellent. The main **farm activities** for the week were spraying weeds, cultivating fallow ground, cutting hay, irrigating, general maintenance.

CROP WEATHER SUMMARY		
June 18 – June 24, 2012		
Days Suitable for Fieldwork: 7.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	20%	25%
Adequate	80%	75%
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 30% short, 70% adequate. **Subsoil moisture** was reported at 40% short, 60% adequate. **Barley** was reported as 5% in-boot. **Oats** were reported as 100% pre-boot. **Potatoes** were 75% emerged. **Hay** harvest was 15% complete. **Crop growth** was reported as 20% slow, 70% moderate, 10% rapid. **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% fair, 60% good, 30% excellent. **Farm activities** for the week included spraying grain crops for weeds, harvesting hay, disking fallow ground and general maintenance.

MATANUSKA VALLEY: An average of **7.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 10% short, 90% adequate. **Subsoil moisture** was reported at 5% short, 95% adequate. **Potatoes** were 70% emerged. **Hay** harvest was just underway. **Crop growth** was reported as 5% slow, 70% moderate, 25% rapid. **Condition of all hay** was listed as 20% poor, 35% fair, 45% good. **Farm activities** for the week included spraying for weeds, cultivating fallow ground, harvesting hay, irrigating, 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 at 100% adequate. **Crop growth** was reported as 100% moderate. **Farm activities** for the week included harvesting hay, general maintenance.

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	50	57	na	53	56	na	na	na
Sawmill Creek	54	na	48	na	na	na	82	41	0.02
Plant Materials Center	56	na	na	58	na	na	78	47	0.05

***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 June 18, 2012
 To: Sunday June 24, 2012

STATION	LAST WEEK WEATHER SUMMARY						May 1, 12 - June 24, 12 GDD					
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD BASE 50F		BASE
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	TOT
Fairbanks_Intl	86	48	66	+5	1.00	2	2.44	+0.70	15	333	+55	772
Fairbanks/Eiels	84	46	64	+4	0.04	2	3.00	+0.96	21	267	+8	681
Nenana_Muni_AM	84	46	64	+5	0.52	2	2.14	+0.94	15	278	+52	696
Ftgreely/Allen	83	47	64	+5	0.06	2	2.29	-0.40	14	221	-21	614
Healy_River_Air	81	46	62	+5	0.36	4	2.88	+0.31	24	185	+21	575
Gulkana_Arpt_A	80	41	59	+5	0.19	4	2.14	+0.32	28	83	-7	390
Sutton	73	45	58	+4	0.09	4	3.51	+1.52	33	66	-33	401
Palmer_Municipa	76	45	61	+5	0.14	4	1.64	-0.04	19	118	-42	523
Talkeetna	79	45	62	+6	0.28	2	1.45	-2.11	22	141	-2	534
Willow_Airport	76	49	61	+6	0.09	3	2.86	+1.42	26	146	+24	570
Anchorage_Intl	73	50	60	+5	0.00	0	1.26	-0.28	9	132	-7	541
Kenai_Municipal	69	42	55	+4	0.06	1	1.03	-0.78	18	44	-14	393
Homer	65	41	51	+1	0.35	2	1.72	-0.07	18	14	-31	257
Kodiak	74	40	55	+5	0.07	1	6.49	-4.20	32	48	+3	337

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