



# Alaska Crop Weather

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

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**GENERAL:** There were **2.0 days suitable for fieldwork** last week as most fields remained too wet to work in. Temperatures were cool again last week, ranging from two to nine degrees below normal in the main growing areas. **Topsoil moisture** supplies were reported as 65% adequate, 35% surplus. **Subsoil moisture** supplies were listed as 70% adequate, 30% surplus. **Progress of fieldwork** was reported as 10 days behind schedule. **Local hay supplies** were reported as 25% short, 75% adequate. **Pasture and range condition** was reported as 90% poor, 10% fair. **Condition of livestock** was reported as 5% poor, 40% fair, 40% good, 15% excellent. The main **farm activities** for the week were machinery preparation, greenhouse & high tunnel work, farm maintenance, very limited application of fertilizer on hay and pasture ground. Most farms were waiting for warmer temperatures and drier fields.

CROP WEATHER SUMMARY		
May 6 – May 12, 2013		
Days Suitable for Fieldwork: 2.0		
Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	0%
Adequate	65%	70%
Surplus	35%	30%
Pan Evaporation*, UAF-AFES, Trunk Rd		na

**TANANA VALLEY:** An average of **3.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 95% adequate, 5% surplus. **Subsoil moisture** was also reported as 95% adequate, 5% surplus. **Progress of fieldwork** was reported as 12 days behind schedule. **Local hay supplies** were reported as 100% adequate. **Pasture and range condition** was reported as 100% poor. **Condition of livestock** was reported as 5% poor, 30% fair, 50% good, 15% excellent. **Farm activities** for the week included machinery preparation, seed cleaning, high tunnel and greenhouse preparation, limited application of fertilizer on hay and pasture ground.

**MATANUSKA VALLEY:** An average of **1.0 days was suitable for fieldwork**. **Topsoil moisture** was reported as 20% adequate, 80% surplus. **Subsoil moisture** was reported as 40% adequate, 60% surplus. **Progress of fieldwork** was reported as 10 days behind schedule. **Local hay supplies** were reported as 50% short, 50% adequate. **Pasture and range condition** was reported as 90% poor, 10% fair. **Condition of livestock** was reported as 10% poor, 30% fair, 40% good, 20% excellent. **Farm activities** for the week included equipment preparation, building maintenance, greenhouse work, waiting for fields to dry out and warm up.

**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% surplus. **Progress of fieldwork** was reported as 7 days behind schedule. **Local hay supplies** were reported as 45% short, 50% adequate, 10% surplus. **Pasture and range condition** was reported as 50% poor, 50% fair. **Condition of livestock** was reported as 100% fair. **Farm activities** for the week included working in high tunnels, waiting for warmer weather and drier fields.

## Soil Temperatures ( F<sup>0</sup> ) at 4 inch depth

	Grass			Fallow land			Temperature		Precip. (inches)
	2013	2012	2011	2013	2012	2011	High	Low	
UAF-AFES, Trunk Rd	na	36	39	na	49	44	na	na	na
Sawmill Creek	35	33	30	na	na	na	60	14	0.08
Plant Materials Center	31	38	33	30	42	42	57	30	0.32

**\*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 May 6, 2013  
To: Sunday May 12, 2013

STATION	LAST WEEK WEATHER SUMMARY						May 1, 13 - May 12, 13					GDD BASE 50F BASE 40F
	TEMPERATURE			PRECIPITATION			PRECIPITATION			GDD		
	HI	LO	AVG	DFN	TOTAL	DAYS	TOTAL	DFN	DAYS	TOTAL	DFN	
Fairbanks_Intl	59	16	38	-9	0.00	0	0.20	+0.06	3	0	+0	15
Fairbanks/Eiels	60	19	38	-8	0.00	0	0.06	-0.09	2	0	+0	17
Nenana_Muni_AM	58	15	37	-9	0.00	0	0.41	+0.35	4	0	+2	10
Ftgreely/Allen	58	22	39	-7	0.01	1	0.07	-0.07	3	0	-12	14
Healy_River_Air	56	18	36	-8	0.00	0	0.30	+0.15	4	0	+3	10
Gulkana_Arpt_A	59	26	39	-3	0.06	4	0.92	+0.80	6	0	+0	11
Sutton	57	28	40	-5	0.06	3	1.29	+1.05	8	0	+0	12
Palmer_Municipa	62	31	44	-3	0.00	0	0.39	+0.18	3	0	-3	28
Talkeetna	60	26	41	-3	0.00	0	2.00	+1.43	3	0	+2	17
Willow_Airport	61	31	43	-2	0.06	2	0.83	+0.62	6	0	+0	24
Anchorage_Intl	61	31	43	-3	0.00	0	0.47	+0.23	4	0	+0	26
Kenai_Municipal	58	24	40	-4	0.04	1	0.80	+0.44	5	0	+0	10
Homer	55	27	40	-3	0.07	2	0.46	-0.02	6	0	+0	12
Kodiak	57	29	41	-2	0.31	2	0.86	-1.55	7	0	+0	19

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