



# Crop Progress and Condition



## National Agricultural Statistics Service

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**ALASKA:** There were 6.5 days suitable for fieldwork last week as most of the major growing areas experienced warmer than normal temperatures and little to no precipitation. Topsoil moisture supplies were reported as 5% very short, 45% short, 50% adequate. Subsoil moisture supplies were listed as 40% short, 60% adequate. Barley was reported as 75% planted. Oats were reported as 70% planted. Potatoes were reported as 15% planted. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 55% very short, 35% short, 10% adequate. Condition of livestock was reported 5% poor, 35% fair, 45% good, 15% excellent. Range and pasture condition was reported 20% poor, 35% fair, 45% good. The main farm activities for the week were planting small grains and vegetables, fertilizing hay and pasture, spreading manure, irrigation, field preparation, farm maintenance and fence repair. Greenhouses and nurseries are open for business.

### CROP WEATHER SUMMARY

May 12 – May 18, 2014

Days Suitable for Fieldwork: 6.5

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	5%	0%
Short	45%	40%
Adequate	50%	60%
Surplus	0%	0%
Pan Evaporation <sup>1/</sup> UAF-AFES, Trunk Rd		1.76

**TANANA VALLEY:** An average of 6.0 days was suitable for fieldwork. Topsoil moisture was reported as 5% very short, 45% short, 50% adequate. Subsoil moisture was reported as 50% short, 50% adequate. Barley was reported as 75% planted. Oats were also reported as 75% planted. Progress of fieldwork was reported as 5 days ahead of schedule. Local hay supplies were reported as 75% very short, 25% short. Condition of livestock was reported as 10% poor, 50% fair, 40% good. Range and pasture condition was reported 30% poor, 40% fair, 30% good. Farm activities for the week included planting small grains and peas, fertilizing hay ground, spreading manure, irrigating, preparing for weed spraying, fence repair and construction. Greenhouses and nurseries are open for business.

**MATANUSKA VALLEY:** An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 35% short, 65% adequate. Subsoil moisture was reported as 5% very short, 15% short, 80% adequate. Small grain and potato planting was underway. Progress of fieldwork was reported as 10 days ahead of schedule. Local hay supplies were reported as 25% very short, 50% short, 25% adequate. Condition of livestock was reported as 10% fair, 60% good, 30% excellent. Range and pasture condition was reported 10% poor, 35% fair, 55% good. Farm activities for the week included planting small grains, potatoes and vegetables, fertilizing hay and pasture, irrigating, field preparation.

**KENAI PENINSULA:** An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 100% short. Subsoil moisture was also reported as 100% short. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 100% very short. Farm activities for the week included fertilizing hay and pasture, reseeding fields as needed.

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

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	42	na	42	49	na	58	73	35	0.00
Sawmill Creek	38	31	35	na	na	na	71	24	0.25
Plant Materials Center	51	35	42	49	35	48	75	33	0.00

<sup>1/</sup> 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.

## Weekly Weather Statistics — Alaska: May 12 - May 18, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	73	31	51	+3	0.02	1	0.04	-0.22	3	37	+31	177
Fairbanks-Eielson .....	71	26	48	-1	0.00	0	0.00	-0.27	0	19	+13	127
Nenana .....	72	30	50	+3	0.02	1	0.06	-0.06	3	20	+18	147
Fort Greely-Allen .....	68	31	50	+3	0.09	2	0.09	-0.18	2	19	-5	161
Healy River Airport .....	70	30	49	+4	0.00	0	0.07	-0.20	2	11	+13	132
Gulkana Airport .....	72	26	50	+7	0.00	0	0.00	-0.24	0	8	+8	157
Sutton .....	70	35	51	+7	0.00	0	0.23	-0.17	1	18	+17	168
Palmer .....	74	36	55	+8	0.00	0	0.01	-0.32	1	64	+55	242
Talkeetna .....	75	32	53	+9	0.00	0	0.45	-0.42	2	34	+36	187
Willow Airport .....	73	38	54	+8	0.00	0	0.24	-0.09	1	50	+50	219
Anchorage International .....	72	39	54	+8	0.00	0	0.20	-0.16	1	54	+49	222
Kenai.....	72	34	49	+5	0.00	0	0.40	-0.14	1	15	+15	128
Homer.....	69	39	51	+8	0.00	0	0.11	-0.57	3	22	+22	170
Kodiak.....	77	34	50	+8	0.00	0	0.31	-3.36	3	38	+38	175

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

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