



IDAHO CROP WEATHER

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ISSUE: ID-CW2802

Week Ending: July 14, 2002

Released: 3:00 p.m. MDT July 15, 2002

Record Heat Scorches Idaho

Agricultural Summary

Temperatures reached as high as 113 degrees in Idaho last week. Several weather stations recorded high temperatures of 105 degrees or more for four consecutive days. Record daily high temperatures were observed at many stations. Southern Idaho farmers struggled to keep up with irrigation demand during the hot weather. For the week ending July 14, major agricultural activities included irrigating, applying pesticides, cutting alfalfa, and avoiding heatstroke.

Soil Moisture and Days Suitable for Fieldwork

Topsoil moisture declined from last week to 13% very short, 39% short, and 48% adequate. Statewide, Idaho farmers had an average of 6.9 days suitable for fieldwork last week.

Field Crop Report

Grain fields in lower elevations quickly ripened. Dryland grain in Southern Idaho suffered in the hot, dry conditions. Magic Valley farmers began cutting and windrowing dry peas last week. Extension educators reported that farmers in North Idaho had to spray garbanzo beans for ascochyta blight and continued to spray for stripe rust on spring wheat. In Southwestern Idaho, gusting winds over the weekend caused lodging in grain fields. Most potato growers have completed their first spraying for late blight.

Livestock, Pasture and Range Report

Lightning strikes set several range fires last week. Some fires have been difficult to control due to the high temperatures and low humidity. Grasshopper bait has been distributed in Fremont County.

Crop Progress Table

Percentages	2002	2001	Avg.
Potatoes 12" High	96	95	87
Potatoes Closing Middles	64	59	55
Winter Wheat Turning Color	63	62	52
Spring Wheat Turning Color	22	19	17
Barley Turning Color	29	24	19
Cherries Harvested	99	93	81
Mint Harvested (1 st Cutting)	5	4	5

Condition Table

Percentages	Very				
	Poor	Poor	Fair	Good	Excellent
Potatoes	1	2	12	66	19
Winter Wheat	0	2	23	66	9
Spring Wheat	1	6	21	58	14
Barley	1	3	16	72	8
Irr. Water Supply	2	21	32	45	0
Range and Pasture	1	13	36	45	5

Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Winter Wheat Harvested	0	4	1	0	4	2	0	0	1	0	0	0	0	3	1
Spring Wheat Headed	88	67	65	100	100	100	99	97	97	82	80	69	87	82	75
Barley Headed	80	65	59	100	100	99	99	97	97	82	78	71	86	82	76
Alfalfa Hay 1 st Cutting Harvested	79	96	86	100	100	100	99	100	100	97	97	91	97	99	95
Alfalfa Hay 2 nd Cutting Harvested	0	6	3	85	96	67	62	77	52	6	7	6	38	45	30

Avg (1997-2001); NA = Very Small Percentage of Acreage in District.

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Weather Data For The Week Ending Sunday, July 14, 2002 ^{1/}

Station	Temperature ^{2/}				Growing Degree Days ^{4/}			Precipitation (Inches)				
	High	Low	Ave.	Dept. ^{3/}	40° Base	50° Base		Total	Dept ^{3/}	Month of July	March 1	
						To Date	Normal				To Date	Normal
North												
Coeur D'Alene	100	45	76	10	1635	772	734	0.06	-0.16	0.06	6.07	9.40
Grangeville	102	46	76	11	1611	774	510	0.26	-0.07	0.26	7.55	11.89
Lewiston	110	54	82	9	2236	1170	1118	0.07	-0.11	0.10	4.74	5.12
Sand Point	94	50	70	6	1521	676	579	0.65	0.27	0.65	8.44	10.50
Southwest												
Boise	110	55	85	12	2480	1405	1047	0.07	0.00	0.07	2.30	4.60
Caldwell	106	52	81	6	2416	1334	1266	0.00	-0.05	0.00	0.97	3.81
Emmett	109	51	82	9	2239	1181	1089	0.00	-0.05	0.00	2.64	4.53
Mountain Home	111	55	83	9	2379	1344	1024	0.00	-0.09	0.00	1.47	3.69
Parma	110	53	82	11	2410	1327	1028	0.02	-0.06	0.02	1.59	4.14
Weiser	112	56	84	12	2513	1413	1053	0.11	0.07	0.14	2.28	3.91
Southcentral												
Buhl 5/	--	--	--	--	2047	1032	798	0.00	-0.06	0.00	1.66	3.83
Burley	101	48	73	3	1947	979	787	0.00	-0.06	0.00	2.43	3.93
Hill City	101	38	74	10	1377	690	447	0.00	-0.08	0.00	2.78	4.38
Hagerman	111	49	80	7	2362	1291	1234	0.00	-0.06	0.00	1.70	3.43
Malta 5/	106	45	--	--	1885	935	795	0.00	-0.11	0.00	2.12	4.10
Twin Falls	104	49	76	7	1954	997	740	0.00	-0.05	0.00	3.17	4.11
East												
Aberdeen 5/	102	46	--	--	1640	816	628	0.00	-0.06	0.00	1.64	3.88
Grace	103	43	75	9	1635	838	515	0.00	-0.21	0.00	4.50	6.54
Idaho Falls	101	44	72	4	1632	792	666	0.00	-0.11	0.02	2.90	4.67
Malad City	105	49	77	7	1948	1043	720	0.00	-0.21	0.00	1.21	5.92
Pocatello	103	46	75	5	1884	958	759	0.00	-0.10	0.22	3.90	5.01
Rexburg	98	49	73	7	1540	737	592	0.00	-0.15	0.00	1.81	6.02
Salmon	100	46	73	5	1666	800	682	0.15	-0.00	0.15	1.21	5.08

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal. 4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average ^{1/}	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emmett	91	84	93	81	93	80	95	81	96	83	100	87	95	87	95	83
Parma	73	72	73	71	79	71	75	74	75	74	75	73	76	74	75	73
Sandpoint	73	64	67	61	77	61	80	65	83	68	84	70	84	74	78	66
Twin Falls	82	69	81	67	84	68	91	68	92	70	77	67	84	68	84	68

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.