



# Nebraska Weather and Crops

100 Centennial Mall North, Room 298, Lincoln, Nebraska 68508  
(402) 437-5541 · (402) 437-5547 FAX · [www.nass.usda.gov](http://www.nass.usda.gov)



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**Agricultural Summary:** For the week ending August 12, 2007, rains across the majority of the state improved soil moisture profiles and helped crops move towards maturity, according to USDA's National Agricultural Statistics Service, Nebraska Field Office. Wind, hail, and flash flooding accompanied rain in many areas of the state. The rains provided enough moisture in some areas to shut down irrigation pumps for a few days. Persistent hot, dry weather continued to stress crops in the northwest.

**Weather Summary:** Temperatures averaged 4 degrees above normal across the state. The South Central District saw triple digit highs. Seven of the eight districts averaged over one inch of precipitation with only the northwest receiving traces. The Northwest District remains the driest at 24 percent below normal since April 1.

### Soil Moisture and Days Suitable For Fieldwork: Nebraska, Week Ending August 12, 2007

	This Week	Last Week	Last Year	Average
<i>Percent</i>				
<b>Topsoil</b>				
Very Short	4	10	31	33
Short	26	31	36	31
Adequate	64	55	33	35
Surplus	6	4	0	1
<b>Subsoil</b>				
Very Short	10	13	49	43
Short	28	30	37	32
Adequate	60	56	14	25
Surplus	2	1	0	0
<b>Days Suitable</b>	4.6	5.1	4.9	5.8

**Field Crops Report:** Corn conditions rated 1 percent very poor, 4 poor, 17 fair, 49 good, and 29 excellent, well above last year's 53 percent good or excellent rating. Irrigated fields rated 87 percent good or excellent while dryland fields rated 65, both above year ago levels. Corn in the dough stage was 77 percent, even with last year and ahead of the 64 average. Corn in the dent stage was 26 percent, ahead of last year's 23 and 16 average.

Soybean conditions rated 1 percent very poor, 3 poor, 22 fair, 51 good, and 23 excellent, well above last year's 43 percent good or excellent condition. Soybeans blooming were 97 percent, behind last year's 99 and 98 average. Soybeans setting pods was 81 percent, behind last year's 90 and 83 average.

Alfalfa conditions rated 7 percent very poor, 12 poor, 23 fair, 46 good, and 12 excellent, well above last year's 23 percent

good or excellent condition. Third cutting was 55 percent complete, behind last year's 62 and 58 average.

Oats harvested was 98 percent, near last year's 99 and even with the average.

Sorghum conditions rated 0 percent very poor, 1 poor, 17 fair, 59 good, and 23 excellent, well above last year's 48 percent good or excellent condition. Sorghum headed was 80 percent, behind last year's 82 but ahead of the 74 average. Sorghum turning color was 3 percent, behind last year's 8 and 7 average.

Dry bean conditions rated 0 percent very poor, 5 poor, 26 fair, 59 good, and 10 excellent, above last year's 59 percent good or excellent condition. Dry beans blooming were 93 percent, behind last year's 100 but ahead of the 92 average. Dry beans setting pods were 60 percent, well behind last year's 90 and 70 average.

### Crop Progress: Nebraska, Week Ending August 12, 2007

Crop	This Week	Last Week	Last Year	Average
<i>Percent</i>				
Alfalfa 3 <sup>rd</sup> Cutting	55	43	62	58
Corn Dough	77	47	77	64
Corn Dent	26	6	23	16
Dry Beans Blooming	93	79	100	92
Dry Beans Setting Pods	60	32	90	70
Oats Harvested	98	94	99	98
Sorghum Headed	80	54	82	74
Sorghum Turning Color	3		8	7
Soybeans Blooming	97	93	99	98
Soybeans Setting Pods	81	61	90	83

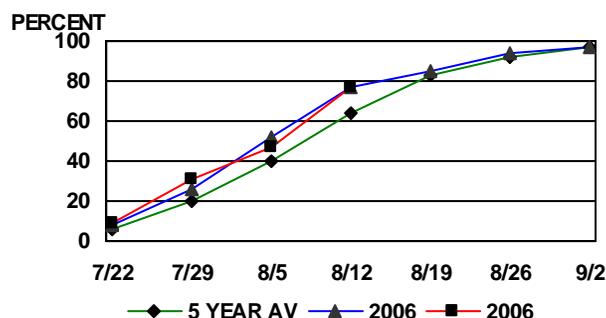
### Crop Condition: Nebraska, Week Ending August 12, 2007

Crop	Very Poor	Poor	Fair	Good	Excellent
<i>Percent</i>					
Alfalfa	7	12	23	46	12
Corn	1	4	17	49	29
Dry Beans	0	5	26	59	10
Sorghum	0	1	17	59	23
Soybeans	1	3	22	51	23

**Livestock, Pasture and Range Report:** Pasture and range conditions rated 4 percent very poor, 11 poor, 27 fair, 46 good, and 12 excellent, well above last year's 6 percent good or excellent condition.

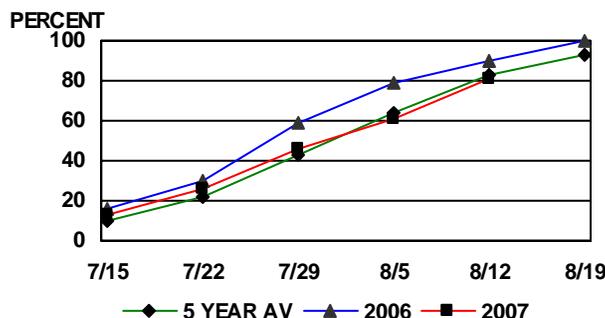
*This release is based on data from FSA county directors, county extension educators, NOAA, and the High Plains Regional Climate Center. County comments and reports can be found at: [http://www.nass.usda.gov/Statistics\\_by\\_State/Nebraska/Publications/Crop\\_Progress\\_&\\_Condition/cmts\\_cur.htm](http://www.nass.usda.gov/Statistics_by_State/Nebraska/Publications/Crop_Progress_&_Condition/cmts_cur.htm)*

**CORN DOUGH**



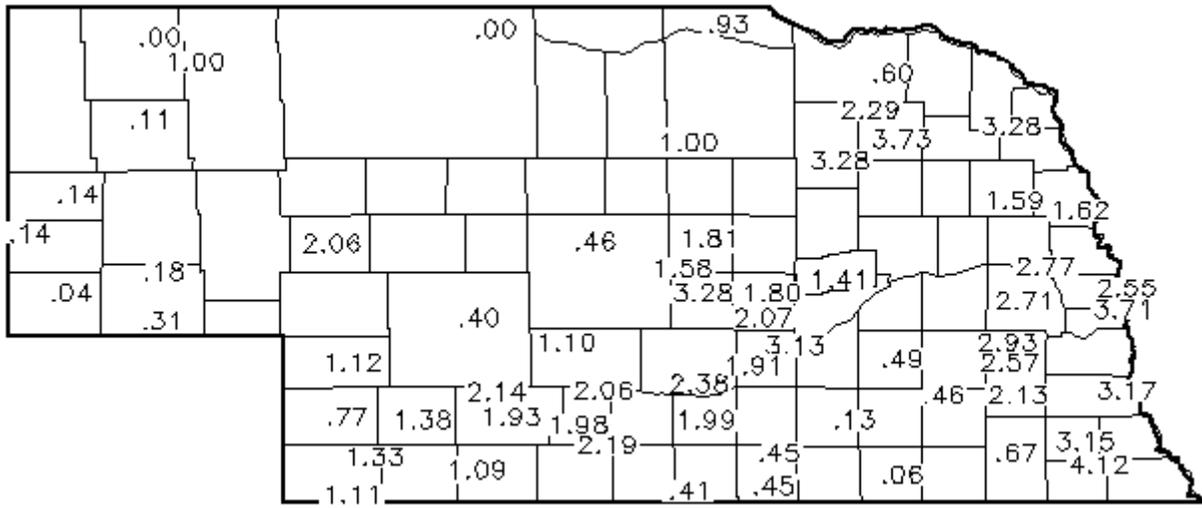
PROGRESS AS OF SUNDAY

**SOYBEANS SETTING PODS**



PROGRESS AS OF SUNDAY

**Precipitation in Inches for Week Ending 8:00 a.m. August 12, 2007**



**Precipitation: By District, Nebraska, April 1 – August 12, 2007**

Item	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.09	1.08	2.47	1.59	2.40	1.53	1.43	1.25
Total since April 1	8.31	15.44	16.93	23.27	19.33	17.69	20.87	19.35
Normal since April 1	10.65	12.99	15.20	14.22	15.61	12.78	13.98	16.10
Total as % of normal	76%	118%	111%	164%	123%	137%	149%	120%

**Temperature and Growing Degree Days: By Location, Nebraska,  
Week Ending Sunday, August 12, 2007**

Station	Temperature				Growing Degree Days Since April 15			
	Extremes		Average	Departure	Last Week	Current	Normal	
	High	Low						
NW	Alliance	97	52	76	+4	160	1948	1888
	Scottsbluff	98	51	77	+5	159	2100	1881
	Sidney	99	57	78	+5	165	1943	1945
NC	Ainsworth	99	63	79	+4	180	2123	2120
	Arthur	93	59	76	+2	164	1956	2074
	O'Neill	97	63	78	+3	182	2177	2150
NE	Concord	91	65	75	-1	169	2252	2215
	Elgin	92	64	76	+1	177	2225	2185
	West Point	92	66	76	0	180	2319	2303
C	Grand Island	95	67	79	+4	185	2296	2151
	Lexington	93	66	78	+4	185	2178	2117
	Ord	95	66	79	+5	188	2232	2146
EC	Central City	94	66	78	+3	184	2324	2190
	Lincoln	97	66	82	+5	198	2534	2359
	Mead	99	66	80	+3	188	2394	2355
SW	Champion	95	59	77	+3	167	2046	2080
	Dickens	95	60	78	+3	174	2063	2096
	McCook	95	64	79	+5	183	2282	2107
SC	Minden	92	66	78	+4	188	2262	2129
	Red Cloud	101	67	82	+7	194	2358	2173
	Smithfield	93	65	78	+4	185	2184	2120
SE	Beatrice	99	67	82	+5	192	2403	2359
	Clay Center	97	65	79	+4	184	2239	2173
	Nemaha	96	66	82	+5	198	2572	2362

Source: High Plains Regional Climate Center and Nebraska State Climate Office