

Table 1. Data from simulations of 2017 end-of-season corn yield potential and real-time crop stage performed on July 18. (Full story at <http://cropwatch.unl.edu/2017/2017-corn-yield-forecasts-july-18>)

Location	Water regime	Long-term average yield (bu/ac) §	Range of Yp forecasts as of July 18th (bu/ac)¶		Probability (%) of 2017 yield to be:			Simulated current crop stage*	
			25th	75th	Below	Near	Above		
					(relative to the long-term Yp)†				
NE	Alliance	Irrigated	190	175	215	18%	50%	32%	V10
	Beatrice	Dryland	153	132	178	26%	44%	30%	R2, Blister
		Irrigated	231	218	242	4%	78%	19%	R2, Blister
	Clay Center	Dryland	176	115	170	63%	29%	9%	R1, Silking
		Irrigated	244	233	259	14%	69%	17%	R1, Silking
	Concord	Dryland	171	102	154	74%	14%	11%	R1, Silking
		Irrigated	247	244	277	6%	54%	40%	R1, Silking
	Elgin	Irrigated	249	244	277	14%	59%	28%	R1, Silking
	Holdrege	Dryland	127	127	142	4%	63%	33%	R1, Silking
		Irrigated	239	221	252	10%	69%	21%	R1, Silking
	McCook	Dryland	102	51	102	69%	20%	11%	R2, Blister
		Irrigated	224	198	225	37%	54%	9%	R2, Blister
Mead	Dryland	177	180	222	11%	29%	60%	R1, Silking	
	Irrigated	234	217	249	17%	69%	14%	R1, Silking	
North Platte	Dryland	104	116	131	0%	26%	74%	R1, Silking	
	Irrigated	231	213	256	20%	51%	29%	R1, Silking	
Oneil	Irrigated	223	208	249	6%	59%	34%	R1, Silking	
KS	Garden City	Irrigated	218	202	226	16%	74%	10%	R1, Silking
	Hutchinson	Dryland	113	89	119	41%	44%	15%	R3, Milk
	Manhattan	Dryland	143	114	155	41%	34%	25%	R3, Milk
	Scandia	Dryland	144	130	170	26%	29%	45%	R2, Blister
		Irrigated	219	233	270	0%	42%	58%	R2, Blister
	Silverlake	Dryland	148	151	182	3%	39%	58%	R2, Blister
	Silverlake	Irrigated	207	221	259	0%	39%	61%	R3, Milk
MN	Eldred	Dryland	141	71	122	81%	10%	10%	V9
	Lamberton	Dryland	204	180	229	35%	30%	35%	V15
	Waseca	Dryland	216	200	239	16%	54%	30%	R1, Silking
ND	Dazey	Dryland	136	82	149	59%	18%	23%	V9

§Long-term (last 20+ years) potential yield at each location and surrounding area.

¶Range of forecasted 2017 potential yields based on average planting date in 2017, indicating the potential yields in the 25th and 75th percentile of the potential yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).

†Probability of obtaining a 2017 yield below (<-10%), near (±10%), and above (>10%) than the long-term potential yield at each location.