

Table S4 Summary information for canopy temperature in 2010. Canopy temperature means, standard deviations, midparent values, and ranges of best linear unbiased estimators (BLUES) for the TM-1×NM24106 recombinant inbred line (RIL) population and its two parents under two irrigation regimes, water-limited (WL) and well-watered (WW), in Maricopa, AZ in 2010.

DOY ^a	TOD ^b	Irrigation Regime	Parents			RIL population			
			TM-1	NM24016	Midparent	Mean	Std. Dev	Min.	Max.
217	0700	WL	27.84	28.31	28.07	28.51	0.59	27.31	30.24
		WW	27.93	27.88	27.90	28.07	0.41	27.17	29.43
	1300	WL	36.24	38.27	37.26	37.84	1.73	34.62	45.02
		WW	31.77	32.94	32.35	32.35	0.81	30.13	35.09
224	0700	WL	26.17	26.81	26.49	26.84	0.44	26.20	28.32
		WW	25.29	26.10	25.70	26.08	0.39	25.22	27.30
	1000	WL	32.49	33.31	32.90	33.25	1.11	31.26	37.44
		WW	29.86	30.37	30.12	30.37	0.66	28.95	32.49
	1300	WL	38.56	39.67	39.11	38.59	1.73	35.05	45.14
		WW	32.89	33.15	33.02	32.93	0.95	30.97	35.59
231	0700	WL	27.21	27.59	27.40	27.39	0.22	26.78	28.08
		WW	27.38	27.57	27.47	27.58	0.22	27.08	28.24
	1000	WL	33.45	33.08	33.26	33.01	0.75	31.49	35.57
		WW	33.10	32.57	32.83	32.52	0.73	30.89	33.90
	1300	WL	33.79	33.65	33.72	33.40	0.85	31.86	36.12
		WW	32.47	32.56	32.51	32.47	0.72	30.71	34.64

a. DOY, day of year – Julian calendar.

b. TOD, time of day within the day of year – MST..