

Table S1. Post-hoc test results (p-values) for mixed model investigating the effect of varying water treatments (WW: well-watered; FD: frequent deficit; ID: infrequent deficit) and O₃ treatments (low O₃ = 30 ppb, high O₃ = 80 ppb) on stomatal conductance (g_s; mmol H₂O m⁻² s⁻¹). The values show **differences between dates** (1 - 5 = 3rd, 10th, 17th, 24th and 31st July 2018 respectively) for each time of day. Bold p-values show statistical significance (p ≤ 0.05).

a)		Time of day						Time of day			
WW30	Date	10:00	12:00	14:00	15:30	WW80	Date	10:00	12:00	14:00	15:30
	1 vs 2	0.8525	0.9827	0.1267	1.0000		1 vs 2	0.9999	0.9928	0.9975	0.9487
	1 vs 3	0.9996	0.9308	0.1105	0.8059		1 vs 3	<0.0001	0.0051	<0.0001	0.0001
	1 vs 4	0.4201	0.0050	0.6507	0.0088		1 vs 4	<0.0001	<0.0001	<0.0001	<0.0001
	1 vs 5	0.9943	0.9033	0.9981	0.999		1 vs 5	<0.0001	<0.0001	<0.0001	<0.0001
	2 vs 3	0.7436	0.6654	1.0000	0.8383		2 vs 3	<0.0001	0.0204	<0.0001	<0.0001
	2 vs 4	0.0522	0.0282	0.8524	0.0109		2 vs 4	<0.0001	<0.0001	<0.0001	<0.0001
	2 vs 5	0.9748	0.9971	0.2376	0.9977		2 vs 5	<0.0001	<0.0001	<0.0001	<0.0001
	3 vs 4	0.5517	0.0002	0.8239	0.1732		3 vs 4	<0.0001	0.0229	0.0951	0.0199
	3 vs 5	0.9731	0.4475	0.2120	0.6554		3 vs 5	<0.0001	<0.0001	<0.0001	<0.0001
	4 vs 5	0.2104	0.0709	0.8263	0.0037		4 vs 5	0.1361	<0.0001	0.0005	0.1564

b)		Time of day						Time of day			
FD30	Date	10:00	12:00	14:00	15:30	FD80	Date	10:00	12:00	14:00	15:30
	1 vs 2	0.0041	0.1026	0.0331	<0.0001		1 vs 2	0.0017	0.3928	0.5159	0.2463
	1 vs 3	0.0012	<0.0001	0.0007	0.0001		1 vs 3	0.1413	0.0795	0.8243	0.0778
	1 vs 4	0.0312	0.0572	<0.0001	<0.0001		1 vs 4	0.6443	0.9675	0.0103	0.7542
	1 vs 5	0.1367	0.9993	0.9996	0.9808		1 vs 5	<0.0001	0.0244	0.0909	0.3800
	2 vs 3	0.9970	0.0502	0.7940	0.9120		2 vs 3	0.5847	0.9314	0.9865	0.9844
	2 vs 4	0.9696	0.9993	0.0218	0.4217		2 vs 4	<0.0001	0.1144	<0.0001	0.0116
	2 vs 5	0.7436	0.0569	0.0182	<0.0001		2 vs 5	<0.0001	<0.0001	0.0006	0.0014
	3 vs 4	0.8664	0.0912	0.3111	0.0770		3 vs 4	0.0025	0.0128	0.0002	0.0019
	3 vs 5	0.5275	<0.0001	0.0003	0.0013		3 vs 5	<0.0001	<0.0001	0.0038	0.0002
	4 vs 5	0.9778	0.0299	<0.0001	<0.0001		4 vs 5	0.0027	0.1309	0.9400	0.9754

c)		Time of day				Time of day					
ID30	Date	10:00	12:00	14:00	15:30	ID80	Date	10:00	12:00	14:00	15:30
	1 vs 2	<0.0001	0.0004	0.7728	<0.0001		1 vs 2	0.0011	0.1255	0.0543	0.0135
	1 vs 3	<0.0001	0.0009	0.3982	<0.0001		1 vs 3	0.6192	0.0713	0.9410	0.7028
	1 vs 4	<0.0001	0.0076	0.0415	<0.0001		1 vs 4	0.1374	0.9010	0.9505	0.9203
	1 vs 5	<0.0001	<0.0001	0.7347	<0.0001		1 vs 5	<0.0001	0.0448	0.0026	0.9970
	2 vs 3	0.9835	0.9998	0.9751	0.9997		2 vs 3	<0.0001	0.9993	0.2920	0.3131
	2 vs 4	0.7082	0.9393	0.4648	0.6656		2 vs 4	<0.0001	0.0109	0.0060	0.0007
	2 vs 5	0.9138	0.9546	1.0000	0.4335		2 vs 5	<0.0001	<0.0001	<0.0001	0.0378
	3 vs 4	0.9478	0.9751	0.8298	0.7828		3 vs 4	0.8888	0.0049	0.5713	0.2172
	3 vs 5	0.9978	0.9050	0.9838	0.3195		3 vs 5	0.0026	<0.0001	0.0001	0.8823
	4 vs 5	0.9934	0.5785	0.5070	0.0214		4 vs 5	0.0481	0.3200	0.0280	0.7645

Table S2. Post-hoc test results (p-values) for mixed model investigating the effect of varying water treatments (WW: well-watered; FD: frequent deficit; ID: infrequent deficit) and O₃ treatments (low O₃ = 30 ppb, high O₃ = 80 ppb) on stomatal conductance (g_s; mmol H₂O m⁻² s⁻¹). The values show **differences between times of day** for each date in 2018. Bold p-values show statistical significance (p ≤ 0.05).

a) WW30						WW80					
	3 rd July	10 th July	17 th July	24 th July	31 st July		3 rd July	10 th July	17 th July	24 th July	31 st July
Time of day						Time of day					
10:00 vs 12:00	0.9780	0.7154	0.4625	0.1974	0.7950	10:00 vs 12:00	0.7727	0.5627	0.7867	0.1743	0.1818
10:00 vs 14:00	0.9871	0.0011	0.0374	0.9989	0.7292	10:00 vs 14:00	0.9758	0.9281	0.9672	0.2719	0.9908
10:00 vs 15:30	0.7616	0.1931	0.2132	0.0239	0.6960	10:00 vs 15:30	0.0044	0.0662	0.2859	0.9995	0.9900
12:00 vs 14:00	0.9046	0.1036	0.0012	0.2842	1.0000	12:00 vs 14:00	0.9437	0.8900	0.5608	0.9804	0.3314
12:00 vs 15:30	0.5988	0.8863	0.0111	0.9345	0.9999	12:00 vs 15:30	0.1731	0.7970	0.0690	0.1656	0.3354
14:00 vs 15:30	0.9279	0.3292	0.8905	0.0513	0.9999	14:00 vs 15:30	0.0257	0.2898	0.5945	0.2631	1.0000

b) FD30						FD80					
	3 rd July	10 th July	17 th July	24 th July	31 st July		3 rd July	10 th July	17 th July	24 th July	31 st July
Time of day						Time of day					
10:00 vs 12:00	0.6587	0.1158	0.9984	0.5186	0.0014	10:00 vs 12:00	0.9035	0.0368	0.9720	1.0000	0.5232
10:00 vs 14:00	0.0382	0.0053	0.0535	0.9874	<0.0001	10:00 vs 14:00	0.9464	0.0308	0.2723	0.0696	0.1964
10:00 vs 15:30	0.0001	0.0344	0.0006	0.9826	<0.0001	10:00 vs 15:30	0.0003	<0.0001	0.0008	0.0006	0.8244
12:00 vs 14:00	0.4166	0.6878	0.0344	0.3243	0.4365	12:00 vs 14:00	0.9992	0.9999	0.5194	0.0619	0.9253
12:00 vs 15:30	0.0060	0.9617	0.0003	0.7492	0.0609	12:00 vs 15:30	0.0038	0.0096	0.0040	0.0005	0.1190
14:00 vs 15:30	0.2923	0.9272	0.5219	0.8961	0.7466	14:00 vs 15:30	0.0024	0.0117	0.1705	0.4494	0.0245

c) ID30						ID80					
	3 rd July	10 th July	17 th July	24 th July	31 st July		3 rd July	10 th July	17 th July	24 th July	31 st July
Time of day						Time of day					
10:00 vs 12:00	0.9996	0.1599	0.3148	0.3896	0.9524	10:00 vs 12:00	0.3276	0.0078	0.0942	0.9945	0.9285
10:00 vs 14:00	0.2536	0.0055	0.1286	0.9783	0.0781	10:00 vs 14:00	0.1987	0.0094	0.9972	0.9828	0.9429
10:00 vs 15:30	0.0013	0.0024	0.0256	0.7774	0.0001	10:00 vs 15:30	<0.0001	<0.0001	0.0814	0.0023	0.9847
12:00 vs 14:00	0.3047	0.6028	0.9657	0.6377	0.2391	12:00 vs 14:00	0.9921	0.9999	0.1462	0.9994	0.6436
12:00 vs 15:30	0.0008	0.4527	0.6834	0.9213	0.0007	12:00 vs 15:30	0.0045	0.0521	<0.0001	0.0054	0.9940
14:00 vs 15:30	<0.0001	0.9952	0.9186	0.9463	0.1875	14:00 vs 15:30	0.0112	0.0446	0.0497	0.0080	0.7955