

Supplementary Table S5 ANOVA results for the spectral parameters corresponding to Figure 7. SS: Sum of squares, DF: Degree of freedom; MS: Mean square.

Parameters	Time	SS	DF	MS	F value	P value
SW1-fwhm-Y	Day 1	0.000356	3	0.0001187	0.323	0.809
	Day 7	0.01673	3	0.005578	23.99	1.05e-10
	Day 13	0.04185	3	0.013952	65.88	2e-16
	Day 20	0.03702	3	0.012339	48.61	2e-16
	Day 28	0.001221	3	0.0004070	2.842	0.0442
	Day 33	0.000813	3	0.0002709	0.933	0.43
SW1-fwhm- $\Delta\lambda$	Day 1	12	3	4.012	0.23	0.875
	Day 7	592.8	3	197.61	27.67	8.25e-12
	Day 13	1043.9	3	348.0	44.74	4.4e-16
	Day 20	855.5	3	285.17	30.94	9.93e-13
	Day 28	16.16	3	5.386	1.21	0.313
	Day 33	78.4	3	26.120	3.553	0.0193
SW2-Area	Day 1	112	3	37.49	0.521	0.669
	Day 7	2425	3	808.3	10.96	5.87e-06
	Day 13	7812	3	2603.9	52.45	2e-16
	Day 20	6412	3	2137.2	37.53	2e-14
	Day 28	271.5	3	90.50	2.123	0.105
	Day 33	123	3	40.85	0.649	0.587
SW1-SAI	Day 1	0.109	3	0.03618	0.422	0.738
	Day 7	2.818	3	0.9394	22.76	2.59e-10
	Day 13	394	3	131.28	2.538	0.0638
	Day 20	4.425	3	1.4748	41.99	1.8e-15
	Day 28	0.2387	3	0.07957	2.877	0.0423
	Day 33	0.180	3	0.06011	0.869	0.462
SW2-fwhm-Y	Day 1	0.000692	3	0.0002308	1.597	0.197
	Day 7	0.003432	3	0.0011438	5.127	0.00295
	Day 13	0.012642	3	0.004214	30.96	9.82e-13
	Day 20	0.01233	3	0.004109	27.51	9.21e-12
	Day 28	0.000729	3	0.0002429	1.75	0.165
	Day 33	0.000336	3	0.0001118	0.705	0.553
SW2-fwhm- $\Delta\lambda$	Day 1	22	3	7.20	0.165	0.92
	Day 7	1581	3	527.0	20.53	1.4e-09
	Day 13	5256	3	1752	83.4	2e-16
	Day 20	3962	3	1320.5	44.63	4.66e-16
	Day 28	66.4	3	22.13	1.443	0.238
	Day 33	120	3	40.01	1.415	0.247
SW2-SAI	Day 1	30.2	3	10.078	1.781	0.158
	Day 7	109.6	3	36.52	7.081	0.000328
	Day 13	186.9	3	62.31	19.59	2.93e-09
	Day 20	165.1	3	55.03	15.99	5.73e-08
	Day 28	14.14	3	4.713	1.836	0.149

	Day 33	15.7	3	5.232	1.126	0.346
MSI	Day 1	0.00494	3	0.001647	1.397	0.25
	Day 7	0.03140	3	0.010466	14.42	2.27e-07
	Day 13	0.08511	3	0.028371	30.08	1.72e-12
	Day 20	0.04541	3	0.01514	14.7	1.77e-07
	Day 28	0.001998	3	0.0006658	1.738	0.168
	Day 33	0.00469	3	0.0015646	1.838	0.15
NDWI1640	Day 1	0.00155	3	0.0005158	0.904	0.443
	Day 7	0.01447	3	0.004824	13.26	6.57e-07
	Day 13	0.03594	3	0.011979	24.98	5.21e-11
	Day 20	0.01800	3	0.006000	12.02	2.09e-06
	Day 28	0.001056	3	0.0003519	1.92	0.135
	Day 33	0.002619	3	0.0008729	2.01	0.122