Title: Correlation between Supergranular Lane Widths and Sunspot Number; a Simple Way to Predict the Amplitude of Sunspot Cycle.

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Table 1. Data behind Figure 3 – Supergranular lane widths at different solar latitudes obtained from Kodaikanal Ca K images.

		Sunspot cycle and sunspot number amplitude							
Epoch	Latitude	15 (176)	16 (130)	17 (199)	18 (219)	19 (285)	21 (233)	22 (213)	23 (180)
	-60	5.91	6.62	6.08	6.66	6.84	5.76	6.26	7.38
	-55	5.57	6.42	5.81	6.15	6.64	5.80	5.78	7.64
	-50	5.22	6.03	5.50	5.76	6.17	5.32	5.19	7.21
	-45	4.92	5.74	5.19	5.45	5.91	5.06	5.43	7.65
	-40	4.81	5.55	5.26	5.25	5.70	4.82	4.93	6.85
	-35	4.61	5.37	4.98	5.29	5.41	4.75	4.57	6.53
	-30	4.59	5.24	4.76	4.93	5.27	4.34	4.54	6.21
	-25	4.63	5.19	4.79	4.94	5.08	4.59	4.36	6.24
	-20	4.48	5.03	4.70	5.08	5.10	4.42	4.48	6.02
	-15	4.47	5.19	4.66	4.97	5.20	4.59	4.75	5.86
	-10	4.51	5.22	4.69	5.09	5.29	4.67	4.65	5.83
	-5	4.43	5.12	4.69	4.99	5.17	4.53	4.62	6.23
sol min year -1	0	4.35	5.17	4.71	4.96	5.07	4.53	4.90	6.32
	5	4.33	5.22	4.86	5.05	5.27	4.44	5.29	6.26
	10	4.52	5.39	4.94	5.20	5.44	4.48	4.50	6.92
	15	4.42	5.27	4.87	5.23	5.32	4.55	4.56	6.39
	20	4.46	5.20	4.71	5.11	5.40	4.60	4.47	6.19
	25	4.61	5.24	4.91	5.25	5.34	4.46	4.69	6.03
	30	4.69	5.31	4.90	5.34	5.30	4.72	4.93	6.25
	35	4.86	5.43	4.99	5.27	5.58	4.67	4.75	6.38
	40	4.89	5.54	5.05	5.61	5.58	4.93	4.90	6.53
	45	5.15	5.86	5.27	5.70	5.84	5.02	5.10	7.38
	50	5.34	5.93	5.52	5.96	6.10	5.16	5.35	7.35
	55	5.45	6.28	5.80	6.27	6.57	5.43	5.94	7.74
	60	5.80	6.81	6.09	6.53	6.69	5.84	6.47	7.78
	-60	5.97	5.78	6.42	6.33	7.16	6.09	6.45	6.94
	-55	5.64	5.57	6.16	6.10	6.83	6.03	6.08	7.05
	-50	5.43	5.27	5.69	5.82	6.45	5.66	5.47	5.54
	-45	5.25	4.93	5.54	5.64	6.08	5.27	5.39	5.59
	-40	4.99	4.89	5.32	5.30	5.90	5.10	5.01	4.64
	-35	4.88	4.59	5.15	5.35	5.80	5.01	4.78	5.51
	-30	4.66	4.56	5.04	5.42	5.61	4.94	5.04	4.68
	-25	4.72	4.50	4.86	5.44	5.71	4.69	5.15	5.42

Table 1 *continued on next page*

Table 1 *(continued)*

		Sunspot cycle and sunspot number amplitude							
Epoch	Latitude	15 (176)	16 (130)	17 (199)	18 (219)	19 (285)	21 (233)	22 (213)	23 (180)
	-20	4.59	4.33	4.90	4.98	5.59	4.69	4.98	4.96
	-15	4.59	4.42	4.94	5.08	5.49	4.94	4.94	4.96
	-10	4.58	4.39	4.85	5.11	5.45	4.66	4.72	4.80
	-5	4.70	4.23	4.85	5.14	5.40	4.60	4.86	5.31
sol min year	0	4.63	4.38	4.85	5.00	5.27	4.66	5.13	4.73
	5	4.59	4.52	4.93	5.14	5.53	4.73	5.47	4.16
	10	4.49	4.30	5.06	4.96	5.55	4.62	4.93	4.73
	15	4.56	4.39	4.99	5.10	5.58	4.76	4.64	5.48
	20	4.62	4.37	5.00	5.31	5.67	4.64	5.00	4.98
	25	4.71	4.40	4.98	5.19	5.84	4.66	5.18	5.64
	30	4.71	4.63	5.08	5.08	5.94	5.00	5.26	5.36
	35	4.92	4.72	5.30	5.61	6.02	5.03	5.21	5.19
	40	4.87	4.76	5.32	5.70	6.10	5.15	5.44	5.24
	45	4.93	5.06	5.46	5.75	6.45	5.48	5.34	5.26
	50	5.20	5.25	5.84	6.13	6.79	5.71	5.26	5.28
	55	5.48	5.54	6.14	6.47	7.17	6.00	5.63	5.75
	60	5.87	5.88	6.36	6.56	7.29	6.15	5.94	6.60
	-60	5.66	5.71	5.96	6.36	6.46	6.50	6.21	6.78
	-55	5.42	5.62	5.57	6.66	6.22	6.22	6.02	7.05
	-50	5.20	5.09	5.40	6.09	5.88	5.77	5.72	5.93
	-45	4.94	5.16	5.02	5.90	5.46	5.29	5.42	5.01
	-40	4.76	5.14	4.91	5.63	5.40	5.08	5.12	4.64
	-35	4.76	4.90	5.00	5.66	5.49	5.05	5.28	4.32
	-30	4.74	4.73	4.97	5.68	5.20	5.01	5.23	4.70
	-25	4.79	4.72	4.77	5.62	5.20	4.93	4.99	4.57
	-20	4.52	4.62	4.58	5.36	4.98	4.73	4.81	3.21
	-15	4.32	4.63	4.57	5.16	4.75	4.86	4.73	5.00
	-10	4.36	4.62	4.50	5.16	4.82	4.65	4.69	9.15
	-5	4.31	4.51	4.48	5.03	4.88	4.71	4.68	5.31
sol min year + 1	0	4.27	4.46	4.57	4.96	4.83	4.53	4.69	9.64
	5	4.41	4.46	4.52	5.07	4.91	4.63	4.87	4.16
	10	4.44	4.62	4.59	5.16	4.95	4.95	4.77	6.44
	15	4.57	4.73	4.51	5.27	5.10	4.83	4.96	6.99
	20	4.56	4.84	4.67	5.59	5.30	5.03	4.95	6.09
	25	4.73	5.01	4.67	5.54	5.46	5.52	4.75	4.83
	30	4.69	4.93	4.82	5.81	5.56	5.25	4.87	6.01
	35	4.73	5.03	4.95	5.51	5.52	5.19	5.06	6.45
	40	4.86	5.05	4.95	5.99	5.60	5.49	4.87	6.06
	45	4.88	5.24	5.25	5.89	5.69	5.69	5.09	4.85

Table 1 *continued on next page*

Table 1 *(continued)*

Epoch	Latitude	Sunspot cycle and sunspot number amplitude							
		15 (176)	16 (130)	17 (199)	18 (219)	19 (285)	21 (233)	22 (213)	23 (180)
	50	5.17	5.47	5.37	6.22	5.92	5.60	5.33	5.28
	55	5.41	5.76	5.54	6.63	6.24	6.28	5.58	5.38
	60	5.61	6.13	5.94	6.87	6.36	6.27	5.81	6.60

NOTE—The table gives the measured supergranular lane widths in [Mm] at different solar latitudes for 3 epochs. The error involved is ± 0.06 Mm. The columns represent the epoch, latitude and the lane widths at different sunspot cycles. The sunspot number amplitudes are given in the brackets.