

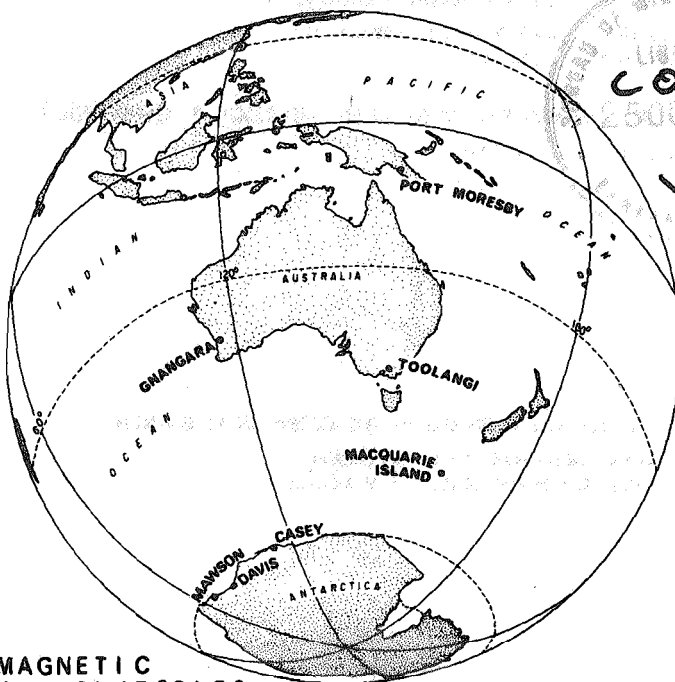
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BUREAU OF MINERAL RESOURCES.
GEOLOGY & GEOPHYSICS

GEOPHYSICAL OBSERVATORY REPORT



CORRECTED K INDICES

FOR

TOOLANGI AND GNANGARA

1976-77

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All corrections added to appropriate monthly reports.

DEPARTMENT OF NATIONAL RESOURCES

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ISSN 0433-5015

**Published for the Bureau of Mineral Resources, Geology and Geophysics
by the Australian Government Publishing Service, Canberra 1977**

R76/262(13) Cat. No. 7766043

G N A N G A R A

MAGNETIC K-INDICES - APRIL 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	5	6	7	8	7	5	3	2	43
02	3	2	1	0	0	1	3	5	15
03	3	4	5	1	5	5	5	6	34
04	5	3	5	6	5	3	2	2	31
05	3	4	4	4	5	5	4	3	32
06	2	3	3	5	5	3	4	3	28
07	4	3	4	4	5	2	3	4	29
08	3	2	1	2	3	3	2	2	18
09	2	2	1	1	4	4	2	2	18
10	1	2	2	3	3	1	0	1	13
11	1 ⁺	1	1	2	4	3	2 ⁺	2 ⁺	16 ⁺
12	1 ⁺	2	2	3	1	1	1	1	12 ⁺
13	3	2	1	3	2	3	4	3	21
14	1	2	3	3	5	4	4	3	25
15	1	1	1	1	1	1	2	1	09
16	2	2	2	1	1	0	1	2	11
17	1	3	2	1	0	2	3	0	12
18	1	1	1	1	1	1	0	1	07
19	1	1	1	2	1	2	2	1	12
20	1	2	0	0	1	1	0	0	05
21	1	1	1	2	2	1	1	1	10
22	2	4	3	3	2	3	3	2	22
23	2	1	1	1	2	2	2	1	12
24	1	2	3	4	5	3	3	2	23
25	1	2	1	0	3	2	1	1	11
26	1	1	2	2	2	1	1	1	11
27	2	1	1	1	1	3	3	2	14
28	2	0	1	0	1	1	2	2	09
29	0	1	1	3	3	3	3	4	18
30	2	2	2	2	2	1	1	0	12

G N A N G A R A

MAGNETIC K-INDICES - MAY 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	1	1	1	0	2	3	3	3	14
02	3	2	1	5	6	5	6	6	34
03	6	5	6	7	4	4	3	2	37
04	1	3	4	4	3	5	4	3	27
05	4	4	2	3	2	1	4	2	22
06	1	1	2	3	2	2	2	2	15
07	3	2	2	1	3	3	1	2	17
08	2	2	2	2	2	1	2	2	15
09	2	1	2	1	0	1	1	0	08
10	0	1	1	1	2	5	0	0	10
11	1	1	2	2	2	2	4	3	17
12	2	2	2	2	2	2	1	1	14
13	1	2	2	1	2	1	1	1	11
14	1	1	1	0	1	1	1	1	07
15	1	1	1	0	2	2	1	3	11
16	1	1	1	2	2	1	0	1	09
17	1	1	1	1	0	0	2	1	07
18	1	1	1	1	1	1	1	1	08
19	1	1	1	1	1	2	4	4	15
20	3	4	4	3	2	4	4	3	27
21	3	2	3	3	4	3	3	2	23
22	1	3	3	2	1	4	4	3	21
23	1	1	4	4	5	3	2	2	22
24	1	2	2	2	1	1	2	2	13
25	1	1	1	1	1	1	2	0	08
26	1	1	0	0	0	1	1	0	04
27	0	1	1	1	1	1	2	0	07
28	1	2	2	3	4	3	3	2	20
29	1	2	2	5	2	2	4	2	20
30	2	1	1	3	2	3	2	2	16
31	2	1	1	2	1	3	2	2	14

G N A N G A R A

MAGNETIC K-INDICES - JUNE 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	0	0	1	1	2	1	1	1	07
02	1	2	2	2	0	3	3	1	14
03	1	1	1	1	1	2	3	3	13
04	4	3	3	3	4	1	2	1	21
05	2	3	3	4	5	3	3	2	25
06	2	2	2	3	3	3	2	2	19
07	3	3	3	2	3	1	1	4	20
08	3	2	2	3	1	1	2	1	15
09	1	1	1	1	0	0	1	1	06
10	1	0	1	0	-	-	-	-	--
11	5	4	3	5	5	3	3	2	30
12	1	1	2	2	3	3	1	2	15
13	1	1	2	1	2	1	0	1	09
14	1	1	1	0	0	0	0	0	03
15	0	0	0	0	0	0	2	3	05
16	1	0	1	1	0	0	0	1	04
17	1	0	2	4	4	4	2	2	19
18	2	2	4	4	2	3	1	1	19
19	0	0	1	1	0	1	1	0	04
20	1	1	1	2	0	1	0	0	06
21	0	0	0	0	0	0	1	0	01
22	0	1	1	0	1	0	1	0	04
23	1	1	1	1	1	2	0	1	08
24	1	1	1	1	0	3	4	3	14
25	3	2	3	2	2	3	4	2	21
26	2	1	1	1	1	1	4	3	14
27	2	2	2	2	1	3	2	1	15
28	2	1	2	1	1	1	3	1	12
29	1	1	1	1	0	1	2	1	08
30	2	2	4	6	2	3	4	3	26

G N A N G A R A

MAGNETIC K-INDICES - JULY 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	2	4	3	5	2	3	3	1	23
02	3	3	3	2	4	3	2	2	22
03	2	3	2	5	3	3	2	4	24
04	2	2	4	4	3	4	4	2	25
05	2	1	2	1	3	3	2	2	16
06	2	2	2	1	3	2	2	2	16
07	1	1	1	2	2	3	1	2	13
08	1	2	2	2	3	3	4	1	18
09	3	2	2	4	1	2	2	1	17
10	1	2	2	2	1	1	1	1	11
11	2	1	1	1	0	2	2	1	10
12	1	1	1	1	1	2	1	2	10
13	1	1	1	1	1	1	1	1	08
14	1	1	2	1	1	1	0	0	07
15	1	1	2	2	1	3	4	3	17
16	3	2	4	2	4	2	4	3	24
17	1	2	1	2	2	1	1	2	12
18	1	1	2	1	1	1	2	1	10
19	2	2	2	1	1	1	0	0	09
20	1	1	1	1	1	1	2	1	09
21	1	1	0	1	2	1	0	0	06
22	1	1	1	1	1	1	0	1	07
23	1	1	1	1	2	2	1	1	10
24	0	1	1	0	1	2	3	1	09
25	4	2	2	2	2	3	1	2	18
26	3 ⁺	2 ⁺	1 ⁺	0 ⁺	1 ⁺	1 ⁺	2 ⁺	2 ⁺	12 ⁺
27	2 ⁺	1 ⁺	1 ⁺	2 ⁺	2 ⁺	1 ⁺	1 ⁺	2 ⁺	12 ⁺
28	3	3	3	3	4	2	5	2	25
29	4	4	3	4	4	3	2	3	27
30	1	4	3	4	5	2	2	2	23
31	2	2	2	3	2	2	1	2	16

G N A N G A R A

MAGNETIC K-INDICES - AUGUST 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	0	3	3	3	1	2	3	3	18
02	1	3	3	2	1	0	0	0	10
03	0	2	1	1	1	4	1	1	11
04	1	1	1	1	2	1	0	1	08
05	2	1	1	1	2	3	1	1	12
06	1	1	2	1	1	0	2	1	09
07	0	1	2	1	4	0	0	2	10
08	1	1	1	0	0	2	2	1	08
09	1	3	3	4	3	0	1	2	17
10	3	3	2	2	2	2	1	2	17
11	1	1	1	1	1	0	0	0	05
12	0	0	0	0	0	1	3	1	05
13	0	2	1	1	0	0	0	0	04
14	1	1	0	1	3	1	0	0	07
15	0	0	0	0	1	1	1	1	04
16	1	1	0	2	4	2	1	1	12
17	1	0	0	0	1	2	1	1	06
18	0	0	1	1	1	0	1	1	05
19	1	2	3	1	2	1	1	0	11
20	2	1	2	1	0	0	2	1	09
21	0	1	2	3	2	2	3	3	16
22	1	1	1	2	0	1	1	0	07
23	1	1	3	5	6	5	3	5	29
24	4	3	3	5	4	4	4	2	29
25	3	3	4	3	5	3	3	2	26
26	3	3	3	4	4	3	3	3	26
27	2	2	2	4	1	2	3	3	19
28	1	1	2	2	4	4	4	1	19
29	0	1	2	1	2	2	1	1	10
30	1	0	0	1	2	1	1	3	09
31	0	0	1	0	3	2	2	2	10

G N A N G A R A

MAGNETIC K-INDICES - SEPTEMBER 1976

Range for lower limit of K=9 is 350 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	2	2	2	1	2	3	3	2	17
02	3	5	4	5	4	2	4	2	29
03	2	4	2	3	2	2	3	2	20
04	2	2	3	2	4	4	1	3	21
05	3	2	1	2	2	2	1	1	14
06	2	2	1	1	2	3	1	1	13
07	1	1	2	2	2	2	1	2	13
08	1	1	0	1	1	1	3	1	09
09	0	0	1	1	2	2	1	0	07
10	1	1	0	1	0	2	2	2	09
11	0	1	1	0	1	1	1	1	06
12	1	1	2	2	1	3	2	2	14
13	2	1	1	1	0	0	1	1	07
14	2	2	1	3	4	2	2	2	18
15	1	3	3	3	2	1	1	2	16
16	1	2	1	2	1	2	1	1	11
17	2	2	2	1	2	1	2	3	15
18	2	4	4	6	5	1	1	2	25
19	2	2	2	4	5	4	5	3	27
20	4	5	4	5	6	5	4	3	36
21	3	2 ⁺	2 ⁺	3	5	5	3	2	25 ⁺
22	2	3	4	3	3	3	3	2	23
23	1	1	4	3	4	3	2	1	19
24	2	1	1	3	2	1	1	1	12
25	3	1	3	3	3	4	5	3	25
26	4	1	1	1	2	3	2	3	17
27	3	2	2	4	4	2	1	2	20
28	2	2	1	1	1	1	2	2	12
29	1	2	2	2	3	2	2	2	16
30	0	1	0	1	2	2	3	3	12

T O O L A N G I

MAGNETIC K-INDICES - OCTOBER 1976

Range for lower limit of K = 9 is 500 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	1	2	4	5	3	1	1	2	19
02	2	4	4	4	3	3	1	0	21
03	0	2	2	2	3	2	0	0	11
04	0	1	1	2	1	0	1	1	07
05	2	3	2	3	0	2	1	1	14
06	0	2	4	3	1	0	2	1	13
07	1	0	0	0	2	1	1	0	05
08	1	1	1	2	3	2	1	1	12
09	1	1	1	2	2	0	2	0	09
10	0	0	1	2	1	1	1	2	08
11	1	2	1	1	2	2	1	2	12
12	2	2	2	1	2	2	2	3	16
13	1	2	2	2	1	1	1	1	11
14	0	0	1	2	0	1	3	3	10
15	2	3	4	4	4	4	3	3	27
16	4	4	3	5	3	2	3	3	27
17	2	2	5	4	5	1	3	2	24
18	1	3	2	3	2	2	2	0	15
19	0	0	1	2	3	3	1	1	11
20	1	1	1	2	1	2	1	1	10
21	1	1	2	3	2	2	2	1	14
22	1	2	2	4	3	1	0	1	14
23	1	2	3	2	1	2	1	1	13
24	0	1	2	2	1	1	2	0	09
25	1	1	1	1	1	1	0	0	06
26	0	1	2	0	0	0	0	1	04
27	0	2	2	1	2	2	2	1	12
28	2	1	0	1	1	2	0	2	09
29	0	1	1	0	0	0	0	0	02
30	0	1	2	3	3	3	3	4	19
31	2	4	4	4	4	3	3	2	26

T O O L A N G I

MAGNETIC K-INDICES - NOVEMBER 1976

Range for lower limit of K = 9 is 500 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	2	2	2	3	1	1	1	1	13
02	1	1	1	1	3	2	1	0	10
03	1	1	2	1	1	2	0	1	09
04	1	2	2	1	1	1	0	0	08
05	0	1	1	2	2	2	1	1	10
06	1	2	1	1	0	0	0	0	05
07	1	2	3	1	1	0	0	0	08
08	1	1	0	1	1	2	2	3	11
09	2	3	2	2	2	1	1	1	14
10	1	2	3	3	4	3	3	3	22
11	1	3	3	3	4	4	4	3	25
12	3	2	2	2	3	3	3	2	20
13	3	3	3	5	4	4	4	1	27
14	2	2	2	3	4	3	2	1	19
15	2	2	1	1	3	2	1	1	13
16	0	2	0	1	3	1	2	1	10
17	2	2	2	1	2	1	1	1	12
18	1	1	1	0	0	0	0	0	03
19	2	2	2	1	2	2	2	2	15
20	2	2	2	2	1	0	1	1	11
21	1	1	1	1	1	0	1	0	06
22	1	2	3	1	1	1	1	1	11
23	0	1	2	1	1	0	0	1	06
24	0	2	1	1	1	1	0	1	07
25	2	3	2	2	2	2	1	1	15
26	1	3	1	3	2	2	3	3	18
27	2	2	3	1	1	1	1	2	13
28	1	2	1	1	1	1	2	2	11
29	0	2	2	1	1	1	0	1	08
30	2	3	2	2	3	3	1	2	18

T O O L A N G I

MAGNETIC K-INDICES - DECEMBER 1976

Range for lower limit of K = 9 is 500 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	1	0	1	1	3	3	1	1	11
02	2	0	0	0	1	0	0	1	04
03	0	1	1	0	2	0	1	0	05
04	1	1	5	4	4	4	1	1	21
05	1	1	2	2	3	0	1	1	11
06	0	0	1	0	1	0	1	1	04
07	2	2	2	2	3	3	3	4	21
08	3	3	4	5	4	2	0	2	23
09	1	2	4	4	2	4	3	3	23
10	2	2	2	2	3	3	1	2	17
11	3	4	3	1	1	3	1	1	17
12	2	2	2	3	3	4	3	2	21
13	0	3	1	2	3	0	1	0	10
14	1	1	0	1	1	0	0	0	04
15	0	1	1	1	0	0	0	1	03
16	1	1	2	3	3	3	3	1	17
17	2	1	1	1	3	3	3	4	18
18	3	6	5	2	1	1	2	3	23
19	2	1	2	1	2	1	1	1	11
20	1	1	2	1	3	2	1	1	12
21	1	1	2	2	1	3	1	1	12
22	1	3	2	2	2	2	1	3	16
23	2	2	2	2	0	1	0	1	10
24	2	1	2	2	3	2	1	0	13
25	1	2	2	2	5	1	2	1	16
26	1	2	1	2	2	0	0	1	09
27	1	1	1	1	2	1	3	1	11
28	1	2	1	1	0	2	3	2	12
29	6	6	5	6	4	3	3	3	36
30	1	3	3	3	4	3	3	4	24
31	3	3	2	1	1	1	3	2	16

T O O L A N G I

MAGNETIC K-INDICES - JANUARY 1977

Range for lower limit of K = 9 is 500 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	2	2	4	4	4	3	1	2	22
02	1	2	2	0	0	1	1	0	07
03	0	1	2	2	1	2	2	2	12
04	1	1	2	2	3	3	4	2	18
05	2	2	2	2	2	3	2	2	17
06	3	2	2	1	2	2	2	2	16
07	2	2	2	1	2	1	1	1	12
08	1	2	3	2	3	3	1	1	16
09	2	2	2	2	2	2	1	2	15
10	1	2	2	2	3	1	1	0	12
11	1	1	1	2	2	5	3	3	18
12	3	3	2	2	3	2	3	1	19
13	2	3	2	1	1	2	0	2	13
14	2	2	3	2	2	4	2	2	19
15	3	3	3	2	2	2	1	1	17
16	1	1	2	1	2	3	1	1	12
17	1	2	2	2	3	2	0	1	13
18	1	3	4	3	2	1	1	2	17
19	2	2	2	2	1	2	2	2	15
20	2	3	2	2	2	2	2	3	18
21	1	2	1	3	0	2	1	1	11
22	2	2	1	1	4	2	1	1	14
23	1	2	1	1	2	2	2	2	13
24	2	2	2	2	3	2	2	2	17
25	1	1	3	1	4	2	2	1	15
26	1	1	0	1	0	0	1	0	04
27	0	1	2	1	1	2	2	1	10
28	0	2	1	2	2	2	3	4	16
29	3	3	3	3	2	3	1	1	19
30	3	3	3	4	4	4	3	3	27
31	2	2	3	2	4	0	1	1	15

T O O L A N G I

MAGNETIC K-INDICES - FEBRUARY 1977

Range for lower limit of K = 9 is 500 nT

<u>Day</u>	<u>K-Indices</u>								<u>K-Sum</u>
01	1	2	2	1	1	1	1	2	11
02	2	4	3	3	3	1	3	3	22
03	1	2	2	2	1	1	2	3	13
04	2	2	1	1	2	1	0	1	10
05	1	2	4	4	2	2	1	1	15
06	1	2	2	2	3	3	3	3	19
07	3	3	2	3	3	3	3	3	23
08	2	1	-	2	2	-	-	-	-
09	3	3	2	3	4	4	3	2	24
10	2	2	3	3	3	2	1	3	19
11	2	2	3	2	3	4	1	2	19
12	1	1	2	2	1	1	1	0	09
13	1	2	3	1	1	2	3	2	15
14	2	2	2	1	4	3	3	1	18
15	1	1	2	1	1	2	1	2	11
16	2	2	3	1	1	1	0	1	11
17	2	1	1	2	2	4	4	3	19
18	4	3	3	1	3	2	2	2	20
19	2	2	2	1	2	3	2	1	15
20	1	2	2	1	2	1	1	2	12
21	1	2	2	1	3	3	1	0	13
22	1	1	1	1	2	2	3	2	13
23	1	2	2	3	4	4	2	3	21
24	2	2	2	2	3	2	4	2	19
25	2	2	1	1	2	2	2	1	13
26	1	3	1	1	2	2	0	0	10
27	0	0	0	1	1	1	0	1	04
28	1	2	2	1	0	0	2	2	10