

NNNN

KBOU

HOUS 2 BOU 290200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
29/0200Z MAR 1973

I. SUNSPOT DATA FROM RAMEY AT 28/1210Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

061 N08W04 146 0200 C 05 08 BETA

064 S03E64 078 0250 D 09 15 BETA

065 S09E30 112 0010 B 03 04 BETA

MAG CLASS INFERRRED AT RAMEY

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
059	1B	28/1030Z	1035Z	1100Z	
062	1N	28/0109Z	0109Z	0130Z	S

III. NONE

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 290600

SDF NUMBER 088A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 29 MAR 1973

IA. OBSERVATORIES REPORT NO CONSISTENT CHANGES IN THE CURRENT REGIONS.
FLARE ACTIVITY HAS BEEN VERY LOW THE PAST 8 HOURS.

IB. NO CHANGE

II. PROBABLE GEOMAGNETIC SUBSTORMS DISTURBED WESTERN HEMISPHERE
MAGNETOMETERS BEGINNING AT 28/2150Z AND 29/0320Z.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

SPAN

BT

NNNN
KBOU

HFUS 1 BOU
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 088B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 29 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW SO FAR TODAY WITH ONLY ONE
SUBFLARE REPORTED IN THE TRAILER OF RGN 064 (S06E52). THIS REGION
CONTINUES TO SHOW SLOW SPOT AND PLAGE GROWTH. ALL OTHER REGIONS
ARE STABLE OR DECAYING.

IB. ACTIVITY IS EXPECTED TO BE VERY LOW TO LOW WITH THE POSSIBILITY
REMAINING OF A SMALL M-CLASS EVENT IN EITHER REGI N 061 (N08W18) OR
064. EAST LIMB TRANSIT OF OLD RGN 054 AT N12 IS EXPECTED ON
30 MARCH.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SINCE 0530Z FOLLOWING A
PROBABLE MAGNETIC SUBSTORM. UNSETTLED TO MILDLY ACTIVE PERIODS
ARE EXPECTED FOR THE REMAINDER OF TODAY WITH UNSETTLED TO QUIET
CONDITIONS TOWARD THE END OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 29 - 31 MAR

CLASS M 30/30/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 MAR 94

PREDICTED 29 - 31 MAR 94/97/99

90-DAY MEAN 28 MAR 101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 MAR 21

ESTIMATED 28 MAR 12

PREDICTED 29 - 31 MAR 15/13/08

SPAN

BT

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 088

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 MARCH 1973

IA. CHROMOSPHERIC ACTIVITY HAS BEEN INFREQUENT, WITH ONLY 3 SMALL FLARES IN REGION 064 (S04E46) SINCE LAST PRIMARY REPORT. REGION 061 (N07W23) APPEARS REORGANIZING. THERE IS SIGNIFICANT DEVELOPMENT SLIGHTLY BELOW AND BEHIND THE LARGE LEADING SPOT, WHERE JUXTAPOSITION OF MAGNETIC POLARITIES HAS BEEN OBSERVED, AND BRIGHT PLAGE CROWDS PENUMBRA. CORONAL ACTIVITY IS INCREASING, AS EVIDENCED BY SURGES AND DEKAMETRIC RADIO EVENTS. SOME OF THIS ACTIVITY MAY BE ASSOCIATED WITH IMPENDING RETURN OF OLD ACTIVE REGION 054.

IB. CLASSS C ACTIVITY SHOULD RESUME IN REGION 061, AND INCREASE IN REGION 064. REGION 065 (S09E14) HAS DECAYED IN WHITE LIGHT, AND WILL BE INACTIVE. NE LIMB REGIONS SHOULD DISPLAY INCREASING ACTIVITY IN THE CORONA.

II. THE GEOMAGNETIC FIELD QUIETED AT ABOUT 06Z, AND SHOULD CONTINUE QUIET FOR SEVERAL DAYS.

III. EVENT PROBABILITIES 30 MAR - 01 APR.

CLASS M 30/30/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 MAR 99

PREDICTED 30 MAR - 01 APR 102/104/106

90-DAY MEAN 29 MAR 101

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 MAR 16

ESTIMATED 29 MAR 10

PREDICTED 30 MAR - 01 APR 13/08/07

SOLIERWARN

SPAN

BT

NNNN
KBOU

HFUS BOU 292220

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 088

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 29 MARCH 1973

To Be

Opposite?

IA. CHROMOSPHERIC ACTIVITY HAS BEEN INFREQUENT, WITH ONLY 3
SMALL FLARES IN REGION 064 (S04E46) SINCE LAST PRIMARY REPORT.
REGION 061 (N07W23) APPEARS REORGANIZING. THERE IS SIGNIFICANT
DEVELOPMENT SLIGHTLY BELOW AND BEHIND THE LARGE LEADING SPOT,
WHERE JUXTAPOSITION OF MAGNETIC POLARITIES HAS BEEN OBSERVED, AND
BRIGHT PLAGUE CROWDS PENUMBRA. CORONAL ACTIVITY IS INCREASING,
AS EVIDENCED BY SURGES AND DEKAMETRIC RADIO EVENTS. SOME OF
THIS ACTIVITY MAY BE ASSOCIATED WITH IMPENDING RETURN OF OLD
ACTIVE REGION 054.

IB. CLASSSS C ACTIVITY SHOULD RESUME IN REGION 061, AND INCREASE
IN REGION 064. REGION 065 (S09E14) HAS DECAYED IN WHITE LIGHT,
AND WILL BE INACTIVE. NE LIMB REGIONS SHOULD DISPLAY INCREASING
ACTIVITY IN THE CORONA. STRONG

II. THE GEOMAGNETIC FIELD QUIETED AT ABOUT 06Z, AND SHOULD CON-
TINUE QUIET FOR SEVERAL DAYS.

III. EVENT PROBABILITIES 30 MAR - 01 APR.

CLASS M 30/30/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 29 MAR 99

PREDICTED 30 MAR - 01 APR 102/104/106

90-DAY MEAN 29 MAR 101

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 28 MAR 16

ESTIMATED 29 MAR 18

PREDICTED 30 MAR - 01 APR 13/08/07

SOLTERWARN

SPAN

BT

NNNN

KBOU

HOUS 2 BOU 300200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
29/0200Z MAR 1973.

I. SUNSPOT DATA FROM CANARIES AT 290915Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

061 N07W17 148 0200 C 05 10 BETA

064 S04E52 079 0300 D 10 21 BETA

065 S09E20 111 0010 A 00 01 ALPHA

NOTE: LL, NN FROM RAMEY REPORT 291410Z

MAG TYPE INFERRED FROM RAMEY.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

NONE

SOLTERWARN

SPAN

BT

NNNN