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HOUS 2 BOU 030200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT 03/0200Z
JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT 02/1900.
LOCATIONS VALID AT 03 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N13E37 272 0440 C 07 16 DELTA

0157 S06E25 283 0010 B 08 04 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 02 JUL 0000Z.

NMBR LOCATION LO COMMENT

~~0159~~ S04E37 275 NO VISIBLE SPOT BUT ACTIVE

II. NONE.

III. AREAS OF SPECIAL INTEREST-

REGION 158.

SOLTERWARN

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HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 184A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 03 JULY 1973

IA. REGION 159 (S06E31) HAS STARTED TO REDEVELOP. TEN SPOTS HAVE
REAPPEARED AND TWO SUBFLARES WERE OBSERVED DURING THE LAST PART
OF THE ZULU DAY, 02 JULY.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD REMAINS UNSETTLED.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 031300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 184B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 03 JULY 1973

IA. SOLAR ACTIVITY REMAINS LOW. SLOW GROWTH HAS CONTINUED IN REGIONS
158 (N13E30) AND 159 (S04E29).

IB. OVERALL ACTIVITY IS EXPECTED TO INCREASE.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET AND IS EXPECTED
TO REMAIN MILDLY UNSETTLED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 03 JUL - 05 JUL

CLASS M 75/75/75

CLASS X 03/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JUL 90

PREDICTED 03 - 05 JUL 90/90/90

90-DAY MEAN 02 JUL 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JUL 17

ESTIMATED 02 JUL 11

PREDICTED 03 - 05 JUL 11/11/16

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HFUS BOU 032215

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 184

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN MODERATE WITH SEVEN SUBFLARES AND
FREQUENT RADIO BURSTS REPORTED DURING THE PAST 24 HOURS. REGION
158(N14E20) HAS BEEN MOST ACTIVE. IT CONTAINS A DELTA CONFIGURA-
TION IN THE SOUTHEAST PORTION OF ITS LEADER AND A COMPLEX
NEUTRAL LINE. A SMALL AREA OF OPPOSITE POLARITY LOCATED JUST
NORTHWEST OF THE LEADER HAS BEEN THE SOURCE OF SEVERAL SUBFLARES.
REGION 159(S04E16) HAS REDEVELOPED WITH 9 SPOTS. ITS NEUTRAL
LINE AND RELATION TO ADJOINING REGION 157(S05E09) IS UNCERTAIN.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY. REGION
158 HAS THE POTENTIAL FOR SIGNIFICANT ENERGETIC ACTIVITY BUT
IT ALSO HAS A HISTORY OF RELATIVE CONSISTENCY AND MODERATION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET AND IS
EXPECTED TO CONTINUE SO THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 04 JUL - 06 JUL

CLASS M 70/70/70

CLASS X 05/05/05

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7CM FLUX

OBSERVED 03 JUL 90

PREDICTED 04-06 JUL 89/89/91

90-DAY MEAN 03 JUL 97

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JUL 12

ESTIMATED 03 JUL 11

PREDICTED 04-06 JUL 07/12/17

SOLTERWARN

SPAN

BT

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