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KBOU

HOUS 2 BOU 100200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
10/0200Z JULY 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM CANARY IS. TAKEN
AT 09/0930Z. LOCATIONS VALID AT 10 JULY 0000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0158 N11W58 271 0460 D 08 24 BETA-GAMMA

0162 N01W35 248 0100 D 06 12 BETA-GAMMA

MAGNETIC CLASSIFICATIONS INFERRED AT CANARY IS.

IAJM H-ALPHA PLAGES WITHOUT SPOTS. LOCATIONS VALID AT 10 JULY
0000Z.

NMBR LOCATION LO

0161 N20E07 207

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
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158	SB	09/0505Z	0526Z	0542Z	M-1
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III. AREAS OF SPECIAL INTEREST-

GROWING SPOTS JUST SOUTH OF LEADER IN REGION 158.

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HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 191A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 10 JULY 1973

IA. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST EIGHT
HOURS, TWO SUBFLARES HAVE BEEN OBSERVED FROM REGION 158 (N11W60).

IB. NO MAJOR ACTIVITY IS EXPECTED. REGION 158 IS EXPECTED TO CONTINUE
TO PRODUCE MINOR SUBFLARES, CLASS C AND AN OCCASIONAL CLASS M FLARE.

II. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED WITH PERIODS OF
VERY LITTLE ACTIVITY.

III. NO CHANGE.

IV. NO CHANGE.

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JULY 15

ESTIMATED 09 JULY 09

PREDICTED 10 JULY-12 JULY 12/15/10

SOLTERWARN

SPAN

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HFUS 1 BOU 101300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 191B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 10 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 158 (N11W45) HAS PRODUCED EIGHT SUBFLARES, ONE OF WHICH AT 10/0216Z WAS A BORDER-LINE CLASS M. NO SHORT WAVE FADEOUTS WERE REPORTED WITH THE 10/0216Z EVENT. OTHER VISIBLE REGIONS HAVE SLOWLY DECAYED.

IB. INFREQUENT CLASS M ACTIVITY IS EXPECTED FROM REGION 158 DURING THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD WAS MILDLY ACTIVE THROUGH 10/0300Z AND QUIET 10/0300-1200Z. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 10 JUL - 12 JUL

CLASS M 65/65/65

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUL 102

PREDICTED 10 JUL - 12 JUL 104/105/104

90-DAY MEAN 09 JUL 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JUL 15

ESTIMATED 09 JUL 14

PREDICTED 10 JUL - 12 JUL 12/15/10

SOLTERWARN

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KBOU

HFUS 1 BOU 101300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 191B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1300Z 10 JULY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 24 HOURS. REGION 158 (N11W45) HAS PRODUCED EIGHT SUBFLARES, ONE OF WHICH AT 10/0216Z WAS A BORDER-LINE CLASS M. NO SHORT WAVE FADEOUTS WERE REPORTED WITH THE 10/0216Z EVENT. OTHER VISIBLE REGIONS HAVE SLOWLY DECAYED.

IB. INFREQUENT CLASS M ACTIVITY IS EXPECTED FROM REGION 158 DURING THE NEXT 72 HOURS.

II. THE GEOMAGNETIC FIELD WAS MILDLY ACTIVE THROUGH 10/0300Z AND QUIET 10/0300-1200Z. UNSETTLED TO ACTIVE CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 10 JUL - 12 JUL

CLASS M 65/65/65

CLASS X 03/03/03

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 JUL 102

PREDICTED 10 JUL - 12 JUL 104/105/104

90-DAY MEAN 09 JUL 96

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 JUL 15

ESTIMATED 09 JUL 14

PREDICTED 10 JUL - 12 JUL 12/15/10

SOLTERWARN

SPAN

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KBOU

HFUX BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 191

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 2200Z 10 JUL 1973

IA. SOLAR ACTIVITY HAS BEEN LOW, WITH ONLY SUBFLARES REPORTED.
GROWTH IN REGION 158 (N10W74) SEEMS TO HAVE STOPPED. OTHER REGIONS
STABLE OR DECLINING.

IB. OCCASSIONALLY CLASS M EVENTS CONTINUE TO BE POSSIBLE FROM 158
AS THIS REGION NEARS THE WEST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO BE
MILDLY UNSETTLED TO QUIET FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 11-13 JUL

CLASS M 65/65/55

CLASS X 03/03/02

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 JUL 97

PREDICTED 11-13 JUL 96/94/94

90-DAY MEAN 10 JUL 95

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 JUL 08

ESTIMATED 10 JUL 07

PREDICTED 11-13 JUL 08/06/06

SOLTERWARN

SPAN

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