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HOUS 2 BOU 080200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
08/0200Z JAN 1973

I. SUNSPOT DATA FROM RAMEY AT 07/1210Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

517	N07W26	142	0230	C	10	06	BETA
519	N13E02	114	0270	E	12	43	BETA GAMMA
003	S16E51	065	0030	H	01	01	ALPHA
002	S13W57	173	0020	C	05	02	BETA
004	N04W15	131	0000	A	01	02	ALPHA

NOTE- MAGNETIC POLARITIES INFERRED AT RAMEY.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-
NONE.

III. AREAS OF SPECIAL INTEREST-

REGION 517 CONTAINS STRONG ORGANIZED FIBRILLES, AN ACTIVE DARK FILAMENT AND A POSSIBLE ARCH FILAMENT SYSTEM AND REMAINS A POSSIBLE SOURCE OF ENERGETIC EVENTS.

REGION 519 HAS APPARENTLY LOST ITS DELTA CONFIGURATION BUT REMAINS COMPLEX AND A POSSIBLE SOURCE OF ENERGETIC EVENTS.

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HFUS 1 BOU 080600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 008A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 08 JANUARY 1973
IA. NO CHANGE
IB. NO CHANGE
II. NO CHANGE
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
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HFUS 1 BOU 081305

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 008B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 8 JANUARY 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS WITH ONLY SUBFLARES REPORTED FROM REGIONS 517 (N08W44) AND 519 (N13W13). BOTH REGIONS ARE DECLINING SLOWLY IN ALL PARAMETERS BUT REMAIN COMPLEX. REGION 004 (N04W28) STILL ADDS POTENTIAL TO 517. A NEW RUDIMENTARY H TYPE SPOT WITH NO PLAGE YET VISIBLE IS CONFIRMED AT N13E73 (NEW REGION 005).

IB. SUBFLARES WILL CONTINUE FROM 517 AND 519. LARGER FLARES WITH ENERGETIC OUTPUT ARE NOT EXPECTED, BUT MAY OCCUR IF RAPID BREAKUP BEGINS.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED, AND FURTHER UNSETTLEMENT IS EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 08-10 JAN

CLASS M 65/65/65

CLASS X 08/08/08

PROTON 10/10/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 JAN 116

PREDICTED 08-10 JAN 117/118/119

90-DAY MEAN 07 JAN 111

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 JAN 17

ESTIMATED 07 JAN 05

PREDICTED 08-10 JAN 10/24/12

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HFUS BOU 082200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 008

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 08 JAN 1973.

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY 5 SUBFLARES REPORTED. REGION 517 /N07W50/ PRODUCED 2 OF THESE SUBFLARES WHILE REGION 519 /N13W16/ PRODUCED 3 SUBFLARES. BOTH REGIONS ARE DECLINING IN BOTH WHITE LIGHT AND H ALPHA. REGION 517 HAS LOST ALL TRAILER SPOTS WHILE REGION 519 HAS SIMPLIFIED AND APPEARS TO BE A SIMPLE BETA GROUP. OTHER REGIONS ARE QUIET AND UNIMPRESSIVE.

IB. AS REGIONS 517 AND 519 CONTINUE TO DECLINE, A SMALL CLASS M EVENT IS POSSIBLE, BUT THE CHANCE OF AN ENERGETIC EVENT WILL DECREASE. THERE ARE NO SIGNIFICANT REGIONS DUE TO RETURN BUT SOME MINOR SURGE ACTIVITY AS SE20 SUGGESTS A NEW REGION MAY BE ROTATING OVER THE LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED FOR THE LAST 24 HOURS AND IS FORECAST TO BECOME ACTIVE DURING THE FIRST PORTION OF THE FORECAST PERIOD IN ASSOCIATION WITH A SECTOR BOUNDARY PASSAGE.

III. EVENT PROBABILITIES 09 JAN - 11 JAN.

CLASS M 50/45/40

CLASS X 05/04/03

PROTON 08/07/06

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 08 JAN 107

PREDICTED 09 JAN - 11 JAN 110/110/110

90-DAY MEAN 08 JAN 111

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 07 JAN 05

ESTIMATED 08 JAN 10

PREDICTED 09 JAN - 11 JAN 24/12/08

SOLTERWARN

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