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HOUS 2 BOU 060200

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
06/0200Z AUG 1973.

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
05/1430Z. LOCATIONS VALID AT 060000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S05W76 292 0010 A 01 01 ALPHA

~~0185~~ N06E01 198 0060 H 02 01 ALPHA

~~0185~~ S09E18 215 0020 B 05 22 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 060000Z.

NMBR LOCATION LO

0176 N21W54 271

0180 S12W65 282

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
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S35E60	1F	05/1900Z	1926Z	2028Z	-
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III. AREAS OF SPECIAL INTEREST-

REGION 185.

SOLTERWARN

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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 AUGUST 1973

IA. SOLAR ACTIVITY HAS INCREASED FROM REGION 185 (N06W02) BUT ONLY
CLASS C FLARES HAVE BEEN OBSERVED.

IB. REGION 185 WILL CONTINUE TO PRODUCE ACTIVITY AND A CLASS M FLARE
IS PROBABLE FROM THIS REGION.

II. THE GEOMAGNETIC FIELD PRODUCED A POSITIVE BAY AT 06/0315Z REACH-
ING 74 GAMMA FOR A K OF 5. SINCE THAT TIME HOWEVER IT HAS BEEN
RELATIVELY QUIET.

III. EVENT PROBABILITIES 06 AUGUST-08 AUGUST

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. NO CHANGE.

V. NO CHANGE.

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HOUS 2 BOU 061215

JOINT AFGWC/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
06/0200Z AUG 1973.

I CORRECTED MESSAGE

I. REGIONS WITH SUNSPOTS. SUNSPOT DATA FROM BOULDER TAKEN AT
05/1430Z. LOCATIONS VALID AT 060000Z.

NMBR LOCATION LO AREA Z LL NN MAG TYPE

0177 S05W76 292 0010 A 01 01 ALPHA

0183 S09E18 198 0060 H 02 01 ALPHA

0185 N06E01 215 0020 B 05 22 BETA

IA. H-ALPHA PLACES WITHOUT SPOTS. LOCATIONS VALID AT 060000Z.

NMBR LOCATION LO

0176 N21W54 271

0180 S12W65 282

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
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S35E60	1F	05/1900Z	1926Z	2028Z	
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III. AREAS OF SPECIAL INTEREST-

REGION 185.

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HFUS 1 BOU 061300
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 218B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 06 AUGUST 1973

IA. SUBFLARE ACTIVITY FROM REGION 185 (N06W05) HAS INCREASED IN THE
PAST 24 HOURS AS THE REGION HAS CONTINUED TO DEVELOP. AN IMPORTANCE
0B FLARE AT 06/0842Z WAS X-RAY CLASS M2-M3. OTHER ACTIVE REGIONS HAVE
BEEN RELATIVELY STABLE.

IB. INFREQUENT CLASS M FLARES ARE EXPECTED FROM REGION 185 FOR THE
NEXT 48-72 HOURS.

II. THE GEOMAGNETIC FIELD BECAME ACTIVE DURING LOCAL NIGHT. SLIGHTLY
UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 06 AUG - 08 AUG

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 AUG 83

PREDICTED 06 AUG - 08 AUG 83/83/83

90-DAY MEAN 05 AUG 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 AUG 10

ESTIMATED 05 AUG 08

PREDICTED 06 AUG - 08 AUG 15/10/10

SOLTERWARN

SPAN

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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 218

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 06 AUGUST 1973.

IA. SOLAR ACTIVITY HAS BEEN MODERATE. REGION 185 (N06W14) HAS
PRODUCED TWO OR THREE SMALL CLASS M FLARES (M1 AT 06/0627Z,
PROBABLE M2 AT 06/0842Z AND A POSSIBLE M AT 06/1727Z) AND FREQUENT
CLASS C EVENTS. ALL HAVE BEEN SUBFLARES. THE REGION HAS GROWN IN
BOTH INTENSITY AND AREA. IT IS MAGNETICALLY COMPLEX WITH AN
INTRUSION OF LEADER POLARITY EXTENDING WELL INTO THE TRAILER.
FOLLOWER POLARITY FLUX CROWDS THE NECK OF THE INTRUSION FROM BOTH
THE NORTH AND SOUTH SIDES. ISOLATED FOLLOWER FLUX IS PRESENT IN
THE LEADER ALSO. AN ARCH-FILAMENT SYSTEM INDICATES CONTINUING
FIELD EMERGENCE AND GROWTH. EXCEPT FOR ACTIVITY IN THE FILAMENT
ASSOCIATED WITH REGION 176 (N21W66), THE REMAINDER OF THE VISIBLE
DISK IS QUIET.

IB. CONTINUED SMALL CLASS M FLARES ARE EXPECTED FROM REGION 185
AND PROSPECTS ARE INCREASING FOR MORE ENERGETIC ACTIVITY FROM
THE REGION.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO
CONTINUE TO BE UNSETTLED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 07 AUG - 09 AUG.

CLASS M 50/50/50

CLASS X 05/10/10

PROTON 01/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 06 AUG 86

PREDICTED 07 AUG - 09 AUG 86/86/86

90-DAY MEAN 06 AUG 89

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 05 AUG 09

ESTIMATED 06 AUG 14

PREDICTED 07 AUG - 09 AUG 12/10/10

SOLTERWARN

SPAN

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