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KBOU H0US 2 BOU 060200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
06/0200Z APRIL 1973.

I. SUNSPOT DATA FROM BOULDER AT 05/1545Z.

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG-TYPE
064	S05W45	080	0490	E	12	69	BETA
067	N12W00	035	0170	C	10	24	BETA-GAMMA
070	S15E04	031	0010	A	00	01	ALPHA
071	S14E42	353	0080	H	02	08	ALPHA
072	S15E53	342	0040	H	01	01	ALPHA
074	S10E38	357	0010	A	02	05	ALPHA
075	N13E50	345	0010	A	00	01	ALPHA
076	S11E47	348	0010	A	00	01	ALPHA

NOTE: MAGNETIC CLASSIFICATIONS FROM BOULDER SPECTROHELIOSCOPE.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS:

NONE

III. AREAS OF SPECIAL INTEREST:

AN ISOLATED POLE HAS FORMED ABOVE THE LEADER SPOT OF REGION 067.

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HFUS 1 BOU 060600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 06 APRIL 1973.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 8 HOURS.

REGION 064(S05W53) HAS DECLINED IN ALL ASPECTS. APPARENT EMERGENCE
OF NEW FIELDS NORTH OF THE LEADER IN REGION 067(N12W11) MAY
HERALD REDEVELOPMENT IN THIS AREA.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW TO MODERATE. C-CLASS
ACTIVITY SHOULD INCREASE IN REGIONS 064 AND 067. PROBABILITY OF
ENERGETIC ACTIVITY IS REDUCED DUE TO THE DISAPPEARANCE OF THE DELTA
CONFIGURATION IN REGION 064.

II. NO CHANGE

III. NO CHANGE

IV. NO CHNAGE

V. NO CHANGE

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 06 APRIL 1973

IA. SOLAR ACTIVITY HAS BEEN LOW FOR THE PAST 7 HOURS. REGION
064(S05W57) HAS PRODUCED ONE SUBFLARE, BUT CONTINUED DECAY IS
REPORTED. THE SPOTS TO THE NORTH OF REGION 067(N12W12) HAVE
INCREASED IN NUMBER, AND RUDIMENTARY PENUMBRA IS NOW VISIBLE
THERE. ALL OTHER REGIONS HAVE BEEN QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW TO MODERATE
THROUGHOUT THE FORECAST PERIOD, WITH ENERGETIC ACTIVITY POSSIBLE
IN REGIONS 064 AND 067.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE QUIET, AND IS
EXPECTED TO BE QUIET TO UNSETTLED FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 06 - 08 APR

CLASS M 70/65/60

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 APR 118

PREDICTED 06 - 08 APR 116/114/111

90-DAY MEAN 05 APR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 APR 10

ESTIMATED 05 APR 09

PREDICTED 06- 08 APR 15/12/10

SPAN

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 06 APRIL 1973

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III. EVENT PROBABILITIES 06 - 08 APR

CLASS M 70/65/60

CLASS X 10/05/05

PROTON 10/05/05

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 APR 118

PREDICTED 06 - 08 APR 116/114/111

90-DAY MEAN 05 APR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 APR 10

ESTIMATED 05 APR 09

PREDICTED 06- 08 APR 15/12/10

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15 is Active

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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 096

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

IA. CLASS C FLARE ACTIVITY HAS INCREASED SLIGHTLY DURING THE PAST 24 HOURS. A FILAMENT DISAPPEARED IN REGION 072 (S15E40), PRODUCING AN IMPORTANCE ONE FLARE WITH AN ASSOCIATED SHORT WAVE FADE AT 1735Z TODAY. REGION 064 (S05W62) IS DECLINING IN ALL PARAMETERS. REGION 067 (N12W18) HAS APPARENTLY STABILIZED, HOWEVER, A SMALL FOLLOWER SPOT IS STILL LOCATED ABOVE THIS REGION'S MAIN LEADER. SLOW SPOT GROWTH IS OCCURRING IN REGION 074 (S09E23). SEVERAL TYPE III DEKAMETRIC RADIO BURSTS HAVE BEEN OBSERVED AT BOULDER TODAY.

IB. DECAYING REGION 064 STILL APPEARS CAPABLE OF PRODUCING CLASS M EVENTS. CLASS C ACTIVITY SHOULD INCREASE SLIGHTLY IN THE SOUTHEAST COMPLEX DUE TO THE SPOT GROWTH IN REGION 074.

II. THE GEOMAGNETIC FIELD IS QUIET. QUIET TO MILDLY UNSETTLED CONDITIONS ARE EXPECTED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 07-09 APRIL

CLASS M 60/50/40

CLASS X 05/05/02

PROTON 05/05/02

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 06 APRIL 114

PREDICTED 07-09 APRIL 108/106/105

90-DAY MEAN 06 APRIL 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 05 APR 08

ESTIMATED 06 APR 06

PREDICTED 07-09 APR 08/10/10

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Use all observations
for Months to
be consistent