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HOUF 2 BOU 080200

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

I. SUNSPOT DATA FROM BOULDER AT 07/1545Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0092 S15W05 337 0330 F 17 93 GAMMA/DELTA

0095 S13E29 303 0010 A 01 01 ALPHA

0099 N14E02 330 0020 C 04 05 BETA

MAGNETIC CLASSIFICATION INFERRED AT BOULDER.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

092 0B 07/0636Z 0643Z 0650Z S

092 1N 07/0838Z 0848Z 0913Z

092 1F 07/2043Z 2053Z 2150Z

092 0F 07/2228Z 2231Z 2334Z M-1

III. AREAS OF SPECIAL INTEREST-

REGION 092 IS STILL A MAGNETICALLY COMPLEX, POTENT REGION.

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HFUS 1 BOU 080600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 08 MAY 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 081300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

~~SDE NUMBER 1285~~

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 08 MAY 1973

IA. ACTIVITY REMAINS AT A LOW TO MODERATE LEVEL, WITH REGION 092
(S15W17) PRODUCING ONLY SUBFLARES SINCE 07/2200Z (M-1 AT 07/2231Z.)
092 CONTINUES SLOW DECAY, MAINLY IN CENTRAL AND FOLLOWER PORTIONS.
OTHER REGIONS UNIMPRESSIVE.

IB. SUBFLARES FROM 092 WILL CONTINUE, POSSIBLY UP TO MEDIUM CLASS M.
ACTIVITY SHOULD DECREASE WITH THE DECAY OF 092.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. A GRADUAL INCREASE
IN ACTIVITY IS EXPECTED DURING THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 08-10 MAY

CLASS M 70/70/70

CLASS X 10/10/10

PROTON 10/10/10

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 07 MAY 102

PREDICTED 08-10 MAY 098/094/090

90-DAY MEAN 07 MAY 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 06 MAY 12

ESTIMATED 07 MAY 17

PREDICTED 08-10 MAY 15/18/18

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 128

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

IA. SOLAR ACTIVITY HAS BEEN LOW. REGION 092 (S16W30) HAS PRODUCED ONLY UNIMPRESSIVE SUBFLARES, AT A LOWER RATE THAN IT HAD OVER THE PRECEDING 2 OR 3 DAYS. THE REGION SHOWS SIGNS OF CONTINUING SLOW DECLINE AND FRAGMENTATION, WITH NO RECENT EVIDENCE OF NEW DEVELOPMENT WITHIN THE AREA. OTHER REGIONS ON THE DISK ARE QUIET AND UNIMPRESSIVE.

IB. REGION 092 SEEMS TO BE LOSING ITS POTENTIAL FOR ENERGETIC FLARES AND IS EXPECTED TO PRODUCE ONLY MODERATE LEVEL ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO SLIGHTLY ACTIVE. IT IS EXPECTED TO SHOW A GRADUAL INCREASE IN ACTIVITY THROUGH THE FORECAST PERIOD, WITH OCCASIONAL QUIETER PERIODS INTERSPERSED. A MINOR LOW-ENERGY PROTON (5-21 MEV) ENHANCEMENT AT GEOSTATIONARY SATELLITE LEVELS HAS BEEN OBSERVED OVER THE PAST SEVERAL HOURS.

III. EVENT PROBABILITIES 09 MAY - 11 MAY.

CLASS M 60/50/40

CLASS X 10/10/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 08 MAY 098

PREDICTED 09 MAY - 11 MAY 096/093/090

90-DAY MEAN 08 MAY 103

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 07 MAY 18

ESTIMATED 08 MAY 13

PREDICTED 09 MAY - 11 MAY 16/18/20

SOLTERWARN

SPAN

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