

KBOU

HOUS 2 BOU 150200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
150200Z APR 1973

I. SUNSPOT DATA FROM RAMEY AT 141200Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

0077 S07W47 325 0120 D 09 27 BETA/GAMMA

0080 S02E39 239 0010 C 00 02 BETA

REGION 080 ADDED FROM BOULDER AND PALEHUA OBSERVATIONS.

MAGNETIC TYPE INFERRED FROM BOULDER OBSERVATIONS.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN IMP BEGIN MAX END CLASS

077 0N 14/0310Z 0311Z 0321Z S

077 0N 14/1435Z 1442Z 1459Z S

III. AREAS OF SPECIAL INTEREST-

N08EL FOR POSSIBLE RETURN. TRAILER PORTION 077 FOR POSSIBLE
RESURGENCE OF DELTA CONFIGURATION.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 150601

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 105A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 15 APRIL 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
NO ACTIVITY HAS BEEN OBSERVED ON THE EAST LIMB. MINOR ACTIVITY HAS
BEEN OBSERVED ON WEST LIMB WHERE REGION 074 HAS MADE LIMB PASSAGE.

IB. NO MAJOR ACTIVITY IS EXPECTED.

II. THE MINOR GEOMAGNETIC DISTURBANCE CONTINUES.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS 1 BOU 151300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 105B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 15 APRIL 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 077 (S08W60), CONTINUING
ITS SLOW DECLINE, IS PRODUCING SUBFLARES AT AN AVERAGE RATE OF
ABOUT ONE EVERY TWO HOURS.

IB. ACTIVITY WILL LIKELY DIMINISH GRADUALLY FROM PRESENT LEVELS, WITH
A MODERATELY ENERGETIC EVENT STILL POSSIBLE, BUT UNLIKELY.

II. THE MINOR GEOMAGNETIC DISTURBANCE OF THE PREVIOUS DAY SEEMS
TO BE DECLINING, WITH THE FIELD EXPECTED TO REMAIN ACTIVE FOR THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 15 APR - 17 APR

CLASS M 40/30/20

CLASS X 10/05/05

PROTON 10/05/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 APR 94

PREDICTED 15 APR - 17 APR 92/90/90

90-DAY MEAN 14 APR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 APR 32

ESTIMATED 14 APR 29

PREDICTED 15 APR - 17 APR 21/18/18

SOLTERWARN

SPAN

BT

NNNN

KBOU

HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 105

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 APRIL 1973.

IA. SOLAR ACTIVITY IS APPARENTLY VERY LOW BUT OBSERVATION AT
MOST OBSERVATORIES HAS BEEN HAMPERED BY WEATHER. REGION 077
(S07W65), CONTINUES TO DECLINE, ONLY FOUR CLASS C FLARES HAVE
BEEN OBSERVED IN THE PAST 24 HOURS. REGION 080 (N10E19) CON-
TINUES INACTIVE.

IB. ACTIVITY WILL PROBABLY REMAIN LOW WITH A SLIGHT POSSIBILITY
OF A CLASS M EVENT FROM REGION 077.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST
24 HOURS. THE FIELD IS EXPECTED TO BECOME MODERATELY ACTIVE
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 APR - 18 APR.

CLASS M 30/25/20

CLASS X 05/05/05

PROTON 05/05/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 15 APR 089

PREDICTED 16 APR - 18 APR 090/088/089

90-DAY MEAN 15 APR 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 14 APR 33

ESTIMATED 15 APR 10

PREDICTED 16 APR - 18 APR 18/18/18

SOLTERWARN

SPAN

BT

NNNN

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 105

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 15 APRIL 1973.

IA. SOLAR ACTIVITY IS APPARENTLY VERY LOW BUT OBSERVATION AT
MOST OBSERVATORIES HAS BEEN HAMPERED BY WEATHER. REGION 077
(S07W65), CONTINUES TO DECLINE, ONLY FOUR CLASS C FLARES HAVE
BEEN OBSERVED IN THE PAST 24 HOURS. REGION 080 (N10E19) CON-
TINUES INACTIVE.

IB. ACTIVITY WILL PROBABLY REMAIN LOW WITH A SLIGHT POSSIBILITY
OF A CLASS M EVENT FROM REGION 077.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST
24 HOURS. THE FIELD IS EXPECTED TO BECOME MODERATELY ACTIVE
DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 16 APR - 18 APR.

CLASS M 30/25/20

CLASS X 05/05/05

PROTON 05/05/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 15 APR 089

PREDICTED 16 APR - 18 APR 090/088/089

90-DAY MEAN 15 APR 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 14 APR 33

ESTIMATED 15 APR 10

PREDICTED 16 APR - 18 APR 18/18/18

SOLTERWARN

SPAN

BT