

## OBSERVATIONS DECAMETRIQUES

DATE : 8-IX-77  
251

OBSERVATEUR : Jeanne

SOURCE : 7

HM = 6<sup>h</sup> 54 44 TU

/ SPECTROGRAPHES /

	Antenne	Géné. de balayage				Amplis		Oscil. d'enreg <sup>t</sup>	
		n°	B	H	n	n°	Gain	n°	spot
Spectro 20-40									
Interféro 20-40									
Spectro 40-80									
Interféro 40-80									

Changement de bobine film :

Horloge rack :

Heure	Vitesse Caméra	Noter ci-dessous les modifications apportées aux réglages en cours de journée, pannes de poursuite, dérèglement de l'horloge.
Face Simile 5 <sup>h</sup> 30 TU coupletan	2040 MHz 10 <sup>h</sup> 32	$\Delta = 30 \text{ MHz}$ $m = 1 \text{ s}^{-1}$

/ MULTICANAUX /

Changement de bobine de film :

Antenne : Réseau D

Fréquence : 30 MHz

Heure	Caméra	Diaphragme	Remarques
5 <sup>h</sup> 30 FU (coupletan) 9 <sup>h</sup> 52			

/ FREQUENCES FIXES /

(voir enregistrement papier)

Fréquence	Heure Départ	Heure Fin
30 263	5 <sup>h</sup> 30 TU (coupletan)	9 <sup>h</sup> 50

RADASTR NANCA  
251 0921  
CNET OBS B MEUDO

ATN DE LA NOE

CULGOORA MORNING REPORT 07/2124-2400Z SEP 1977

GOOD OBSERVING CONDITIONS. SPECTACULAR LIMB ACTIVITY HAS OCCURRED ALL MORNING AT NE10. ON OPENING AT 2124Z SURGES AND THIN SUSPENDED MATERIAL WAS OBSERVED. AT 2141Z, A LARGE BSL OCCURRED AT SE25, REACHING ABOUT 0.25 RADIUS. AT 2227Z THE TOP OF A LIMB FLARE WAS OBSERVED AT NE10. THE FLARE WAS CERTAINLY OF BRILLIANT INTENSITY AND WAS CLASSIFIED AS A 1B. A SURGE OCCURRED AT 2239Z AT NE10, FOLLOWED AT 2252Z BY WHAT APPEARED TO BE A SECOND, AND LARGER, FLARE. THIS SECOND EVENT REACHED MAXIMUM INTENSITY AT ABOUT 2308Z BUT INCREASED IN SIZE, EVENTUALLY DEVELOPING INTO A CLASSICAL SYSTEM OF BRIGHT FLARE LOOPS. LARGE SHORT-WAVE FADES ACCOMPANIED THE FLARE ACTIVITY. AT METER WAVELENGTHS, A VERY COMPLEX SERIES OF EVENTS WAS RECORDED. A VERY STRONG TYPE TWO BURST BEGAN AT 2227Z, ALONG WITH STRONG TYPE THREE ACTIVITY. THE TYPE TWO EVENT WAS LOCALIZED NEAR THE EAST LIMB NEAR THE EQUATOR AND CONTAINED MULTIPLE FAST-CHANGING LOBES AT 43, 80, AND 160 MHZ. FLUX AT 43 MHZ WAS GREATER THAN 50,000 FLUX UNITS, AND GREATER THAN 10,000 FU AT 80 MHZ. A WEAK TYPE FOUR EVENT ALSO BEGAN AT 2340Z.

END++  
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