

n	T-6	T-5	T-4	T-3	T-2	T-1	
	20	33	7	40	13	20	
	0	0	7	7	0	7	
	0	0	0	0	7	0	
	13	0	0	7	13	0	
CI	27	27	27	20	33	20	
	7	7	0	0	0	7	
	0	0	13	0	0	0	
	0	13	7	0	7	13	
	33	20	40	27	27	33	
Table 2. Percent of correlation within							

		Case	EPV minimized before FRNT starts to increase	FRNT starts to increase before EPV minimized	Tin
		2003 Dec 09 (M)		Yes (3R)	
		2004 Jan 27 (S)	(same time)	(same time)	
		2004 Mar 15 (S)		Yes (3R)	
		2004 Nov 28 (S)	Yes (3R)		
	Table 1: Summary of EPV reductions.	2005 Nov 15 (S)		Yes	
		2005 Nov 28 (S)	Yes		
		2006 Feb 16 (S)	Yes (2R)		
		2006 Mar 20 (M)		Yes	
	Case where (S) is single band and (M)	2006 Nov 10 (S)		Yes	
	is multi-banding. Timing of EPV reduction. (#R)	2007 Mar 01 (M)		Yes (2R)	
		2007 Dec 16 (M)	Yes (3R)		
Ì	represents the total number of reductions	2008 Jan 10 (M)	Yes (2R)		
	during band life- cycle. Time in hours between the initial	2008 Jan 21 (M)		Yes	
		2008 Feb 06 (S)	Yes (2R)		
	EPV reduction and Frontogenesis peak	2008 Mar 04 (M)		Yes (5R)	

		Correlation	T=0	T+1	T+2	T+3	T+4	T-
ns a	Both (-) 99 CI and (+) 99 CI contain the same number of correlations	(+) 99 CI	53	21	29	15	22	5
	the same number of correlations	(+) 95 CI	0	14	21	0	0	1
	T+1, T+2, T+3	(+) 90 CI	0	7	0	15	11	C
5	,	(+) 80 CI	0	0	0	0	11	C
	T+1, T+2 are weighted positively;	(+/-) < 80 CI	13	29	14	38	22	2
tive	preference for positive correlations	(-) 80 CI	0	0	7	0	0	C
		(-) 90 CI	0	0	0	8	0	C
	T+3 is weighted negatively;	(-) 95 CI	0	7	0	8	0	1
nd	preference for negative	(-) 99 CI	27	21	29	15	33	C
sing	correlations	Table 2: Percent of correlation within						
		confidence interval bins for T=0 to T+6						



