








TDWR SPG Algorithm / Products Generation and Time Stamp Approach

Bin		Angle		VCP		TDWR SPG (Product Time)								
#	Angle	Min	Max	90	80	2200	2200	2206	2207	2208	2209	2210	2211	2212
25	60.0	57.6	62.5	60.0			16							
24	55.0	52.6	57.5	55.1			15							
23	50.0	47.6	52.5	50.2			14							
22	45.0	42.6	47.5	45.3			13							
21	40.0	37.6	42.5	40.4	42.0		12			12			21	
20	35.0	32.6	37.5	35.5			11			11			20	
19	30.0	27.6	32.5	30.6	28.1		10							
18	25.0	22.1	27.5	25.7			9			9				19
17	19.5	18.0	22.0	20.8	19.4		8							
16	16.7	15.7	17.9	15.9			7							
15	14.0	13.1	15.6		13.4				8					
13	10.0	9.6	11.0	11.0	10.0		6		7				17	
10	6.0	5.7	6.6	6.1	6.6		5						16	
7	3.4	2.7	3.6	3.3	3.3		4						15	
3	0.9	0.8	1.1	1.0	1.0		3						13	
2	0.5	0.4	0.8	0.6	0.6	1							3 R	
2	0.5	0.4	0.8	0.5	0.5		2						1 R	
										6			14	
											10		18	22
AWIPS Binning Scheme				bwi		90			80					
tbwi example				VNUM		1			2					

Algorithms/Products run on scans as indicated by cell side boarder (1 per 6 minute PPS, ULR, VWP), top (derived mini-vol), and patterns (storm analysis mini-volume).

-  PPS: Long Range Cut
-  VWP: Last Cut of Each Short Range Angle
-  ULR: Every Cut
-  2 STI, HI, MD, TVS, cat: Cut #'s as noted & reuse
-  1 1.0 deg cut
-  2 CR, VIL, ET: Cut #'s as noted & reuse 1.0 deg and Long Range cut
-  1

Product Times (top) of Base Product Elevation Cuts indicated by cell color