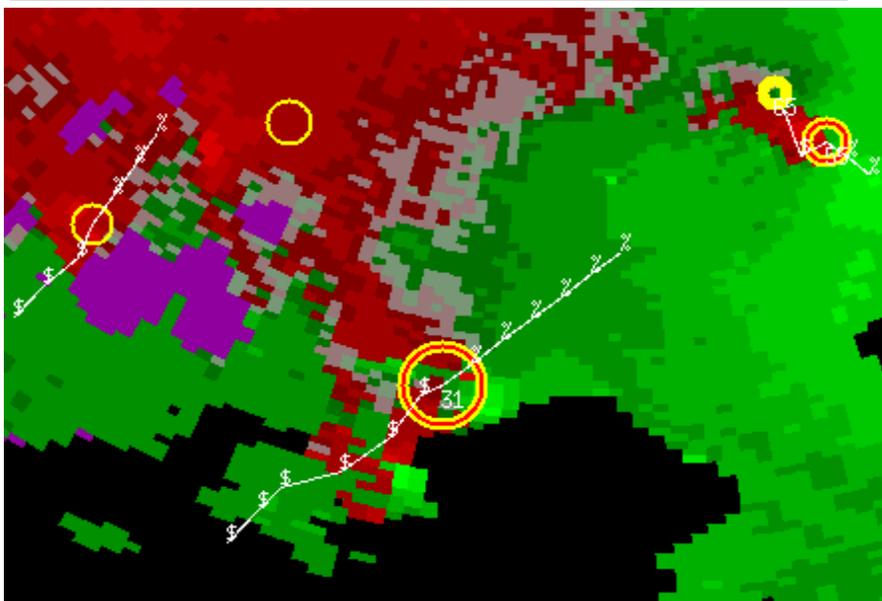


CIRC ID		31		55		65		66		49		67
SR LLRV		7 34		6 37		5 34		5 28		4 16		3 20
AZ RAN		190 59		160 44		163 40		269 117		216 59		035 87
HGT MXRV		12 66		27 50		23 37		28 28		12 31		19 32
BASE DPTH		< 6 >25		< 4 >37		11 31		<16 >25		< 6 >30		<10 >19



MESOCYCLONE DETECTION ALGORITHM

RADAR ID: 303 DATE: 04/21/1996 TIME: 23:21:39 Avg dir/spd: 243/ 19

CIRC ID	AZRAN deg/nm	SR	-LOW LEVEL- RV DV		--DEPTH-- BASE kft STMREL%		-MAX RV- kft kts		TVS	MOTION deg/kts	MSI
31	190/ 59	7 34	40	< 6	>25	88	12	66	N	233/ 30	4493
55	160/ 44	6 37	65	< 4	>37	88	27	50	Y	309/ 23	4362
65	163/ 40	5 34	66	11	31	60	23	37	N		2856
66	269/117	5 28	44	<16	>25	58	28	28	N		2566
49	216/ 59	4 16	27	< 6	>30	62	12	31	N	216/ 31	2162
67	035/ 87	3 20	40	<10	>19	33	19	32	N		2293
68	030/ 86	3 19	29	<10	>18	64	19	22	N		1699
69	007/ 74	3 22	26	< 8	>16	28	8	22	N		1556
70	343/ 61	2 22	41	< 6	>12	23	6	22	N		1701
64	273/108	2 19	25	<14	>33	24	35	33	N	222/ 30	1571

Note: Although past and forecast positions are shown above as \$ and %, the suggested symbols are ◆ and X. Also, the low-base mesocyclone symbol is planned to be thick perimeter circle with outward spikes.