

CAPS Ensemble Member AUC Hail > 25 mm

CN M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 Mean

Elastic Net

75 65 68 71 68 65 67 66 71 72 72 73 77

Random Forest CV

75 65 68 71 68 65 67 66 71 72 72 73 77

Random Forest

75 65 68 71 68 65 67 66 71 72 72 73 77

Reflectivity -10 C

86 76 79 0 81 77 80 79 0 83 82 50 87

HAILCAST

80 77 74 77 75 76 80 73 76 77 76 78 84

Column Total Graupel

76 68 67 77 66 65 68 65 77 72 71 80 83

Updraft Helicity

69 68 70 67 71 69 73 68 68 67 67 70 78

Area Under ROC Curve (%)

85.0

82.5

80.0

77.5

75.0

72.5

70.0

67.5

65.0

62.5

60.0