

RANDOM FOREST ALGORITHM: OUTPUT:

Training Accuracy: 100.00%

	precision	recall	f1-score	support
Non-Fire	1.00	1.00	1.00	1171
Fire	1.00	1.00	1.00	4127
accuracy			1.00	5298
macro avg	1.00	1.00	1.00	5298
weighted avg	1.00	1.00	1.00	5298

Test Accuracy: 89.28%

	precision	recall	f1-score	support
Non-Fire	0.94	0.50	0.66	269
Fire	0.89	0.99	0.94	1056
accuracy			0.89	1325
macro avg	0.92	0.75	0.80	1325
weighted avg	0.90	0.89	0.88	1325

Validation Accuracy: 87.73%

	precision	recall	f1-score	support
Non-Fire	0.94	0.47	0.62	308
Fire	0.87	0.99	0.93	1110
accuracy			0.88	1418
macro avg	0.90	0.73	0.78	1418
weighted avg	0.88	0.88	0.86	1418