

Date		Time		Location		Weather		Temperature		Humidity		Wind Speed		Wind Direction		Cloud Cover		Visibility		Pressure		Air Quality		Soil Moisture		Plant Growth		Animal Activity		Human Activity		Notes			
2023-10-27	10:00	10:00	10:00	Field Station	Field Station	Sunny	Sunny	25°C	25°C	65%	65%	15 km/h	15 km/h	SW	SW	10%	10%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 45	PM2.5: 45	15%	15%	Low	Low	None	None	None	None	Initial data collection	Initial data collection		
2023-10-27	11:00	11:00	11:00	Field Station	Field Station	Sunny	Sunny	26°C	26°C	68%	68%	18 km/h	18 km/h	SW	SW	12%	12%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 48	PM2.5: 48	18%	18%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Temperature rising	Temperature rising
2023-10-27	12:00	12:00	12:00	Field Station	Field Station	Sunny	Sunny	27°C	27°C	70%	70%	20 km/h	20 km/h	SW	SW	15%	15%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 50	PM2.5: 50	20%	20%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Humidity increasing	Humidity increasing
2023-10-27	13:00	13:00	13:00	Field Station	Field Station	Sunny	Sunny	28°C	28°C	72%	72%	22 km/h	22 km/h	SW	SW	18%	18%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 52	PM2.5: 52	22%	22%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Wind speed increasing	Wind speed increasing
2023-10-27	14:00	14:00	14:00	Field Station	Field Station	Sunny	Sunny	29°C	29°C	75%	75%	25 km/h	25 km/h	SW	SW	20%	20%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 55	PM2.5: 55	25%	25%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Cloud cover increasing	Cloud cover increasing
2023-10-27	15:00	15:00	15:00	Field Station	Field Station	Sunny	Sunny	30°C	30°C	78%	78%	28 km/h	28 km/h	SW	SW	25%	25%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 58	PM2.5: 58	28%	28%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Soil moisture decreasing	Soil moisture decreasing
2023-10-27	16:00	16:00	16:00	Field Station	Field Station	Sunny	Sunny	31°C	31°C	80%	80%	30 km/h	30 km/h	SW	SW	30%	30%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 60	PM2.5: 60	30%	30%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Plant growth stalling	Plant growth stalling
2023-10-27	17:00	17:00	17:00	Field Station	Field Station	Sunny	Sunny	32°C	32°C	82%	82%	32 km/h	32 km/h	SW	SW	35%	35%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 62	PM2.5: 62	32%	32%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Animal activity decreasing	Animal activity decreasing
2023-10-27	18:00	18:00	18:00	Field Station	Field Station	Sunny	Sunny	33°C	33°C	85%	85%	35 km/h	35 km/h	SW	SW	40%	40%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 65	PM2.5: 65	35%	35%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Human activity increasing	Human activity increasing
2023-10-27	19:00	19:00	19:00	Field Station	Field Station	Sunny	Sunny	34°C	34°C	88%	88%	38 km/h	38 km/h	SW	SW	45%	45%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 68	PM2.5: 68	38%	38%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Notes on temperature trends	Notes on temperature trends
2023-10-27	20:00	20:00	20:00	Field Station	Field Station	Sunny	Sunny	35°C	35°C	90%	90%	40 km/h	40 km/h	SW	SW	50%	50%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 70	PM2.5: 70	40%	40%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Summary of day's data	Summary of day's data
2023-10-27	21:00	21:00	21:00	Field Station	Field Station	Sunny	Sunny	36°C	36°C	92%	92%	42 km/h	42 km/h	SW	SW	55%	55%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 72	PM2.5: 72	42%	42%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Final data collection	Final data collection
2023-10-27	22:00	22:00	22:00	Field Station	Field Station	Sunny	Sunny	37°C	37°C	95%	95%	45 km/h	45 km/h	SW	SW	60%	60%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 75	PM2.5: 75	45%	45%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	End of day report	End of day report
2023-10-27	23:00	23:00	23:00	Field Station	Field Station	Sunny	Sunny	38°C	38°C	98%	98%	48 km/h	48 km/h	SW	SW	65%	65%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 78	PM2.5: 78	48%	48%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Overall summary	Overall summary
2023-10-27	00:00	00:00	00:00	Field Station	Field Station	Sunny	Sunny	39°C	39°C	100%	100%	50 km/h	50 km/h	SW	SW	70%	70%	10 km	10 km	1015 hPa	1015 hPa	PM2.5: 80	PM2.5: 80	50%	50%	Low	Low	None	None	None	None	Continued data collection	Continued data collection	Final summary	Final summary