1. **Hourly Enter Elements Comparison Check**

| Station name | Year | Month | Day | Hour | Element ID | Value | Error | Verified |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GITEGA | 2025 | 7 | 8 | 16:00 | 196 Vs 112 | 0 vs 210 | Wind Speed and direction do not match | No |
| GITEGA | 2025 | 7 | 8 | 17:00 | 196 Vs 112 | 0 vs 180 | Wind Speed and direction do not match | No |
| GITEGA | 2025 | 7 | 20 | 21:00 | 103vs102 | 113 vs 15 | Dew Point is greater than Wet Bulb | No |
| GITEGA | 2025 | 7 | 21 | 11:00 | 103vs102 | 116 vs 17 | Dew Point is greater than Wet Bulb | No |
| GIKONGORO | 2025 | 7 | 10 | 16:00 | 196 Vs 112 | 2 vs 0 | Wind Speed and direction do not match | No |
| GIKONGORO | 2025 | 7 | 10 | 17:00 | 196 Vs 112 | 0 vs 360 | Wind Speed and direction do not match | No |
| RUBENGERA | 2025 | 7 | 3 | 07:00 | 103vs102 | 153 vs 147 | Dew Point is greater than Wet Bulb | No |
| RUBENGERA | 2025 | 7 | 3 | 15:00 | 196 Vs 112 | 3 vs 0 | Wind Speed and direction do not match | No |
| RUBENGERA | 2025 | 7 | 4 | 09:00 | 101vs102 | 131 vs 183 | Dry Bulb is less than Wet Bulb | No |
| RUBENGERA | 2025 | 7 | 4 | 09:00 | 101(DryBulb)vs183(Thermo) | 131 vs 230 | Large Deviation | No |
| RUBENGERA | 2025 | 7 | 4 | 09:00 | 101vs103 | 131vs158 | Dry Bulb is less than Dew Point | No |
| RUBENGERA | 2025 | 7 | 10 | 01:00 | 166vs103 | 151 vs 162 | Vapor Pressure is less than Dew Point | No |
| RUBENGERA | 2025 | 7 | 17 | 07:00 | 105(RH)vs184(Hygro) | 9.3 vs 93 | Large Deviation | No |
| RUBENGERA | 2025 | 7 | 26 | 01:00 | 101vs103 | 160vs246 | Dry Bulb is less than Dew Point | No |
| RUBENGERA | 2025 | 7 | 26 | 01:00 | 103vs102 | 246 vs 151 | Dew Point is greater than Wet Bulb | No |
| RUBENGERA | 2025 | 7 | 26 | 01:00 | 166vs103 | 165 vs 246 | Vapor Pressure is less than Dew Point | No |
| RUBENGERA | 2025 | 7 | 31 | 17:00 | 103vs102 | 133 vs 79 | Dew Point is greater than Wet Bulb | No |
| RUBENGERA | 2025 | 7 | 31 | 23:00 | 101vs102 | 143 vs 159 | Dry Bulb is less than Wet Bulb | No |
| BUSOGO | 2025 | 7 | 1 | 17:00 | 101vs102 | 143 vs 144 | Dry Bulb is less than Wet Bulb | No |
| BUSOGO | 2025 | 7 | 6 | 17:00 | 101vs102 | 133 vs 135 | Dry Bulb is less than Wet Bulb | No |
| BUSOGO | 2025 | 7 | 7 | 10:00 | 101(DryBulb)vs183(Thermo) | 178 vs 125 | Large Deviation | No |
| BUSOGO | 2025 | 7 | 7 | 11:00 | 101(DryBulb)vs183(Thermo) | 171 vs 120 | Large Deviation | No |
| BUSOGO | 2025 | 7 | 15 | 11:00 | 196 Vs 112 | 2 vs 0 | Wind Speed and direction do not match | No |
| BUSOGO | 2025 | 7 | 15 | 13:00 | 196 Vs 112 | 0 vs 18 | Wind Speed and direction do not match | No |
| BUSOGO | 2025 | 7 | 24 | 01:00 | 101(DryBulb)vs183(Thermo) | 137 vs 190 | Large Deviation | No |
| NYAGATARE | 2025 | 7 | 9 | 01:00 | 103vs102 | 152 vs 151 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 02:00 | 103vs102 | 153 vs 150 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 03:00 | 103vs102 | 155 vs 149 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 04:00 | 103vs102 | 161 vs 154 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 05:00 | 103vs102 | 168 vs 159 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 06:00 | 103vs102 | 160 vs 154 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 07:00 | 103vs102 | 167 vs 164 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 9 | 08:00 | 103vs102 | 171 vs 168 | Dew Point is greater than Wet Bulb | No |
| NYAGATARE | 2025 | 7 | 20 | 03:00 | 105(RH)vs184(Hygro) | 99 vs 58 | Large Deviation | No |
| KAWANGIRE | 2025 | 7 | 1 | 04:00 | 105(RH)vs184(Hygro) | 80 vs 0.1 | Large Deviation | No |
| KAWANGIRE | 2025 | 7 | 4 | 02:00 | 101vs102 | 77 vs 164 | Dry Bulb is less than Wet Bulb | No |
| KAWANGIRE | 2025 | 7 | 4 | 02:00 | 101(DryBulb)vs183(Thermo) | 77 vs 174 | Large Deviation | No |
| KAWANGIRE | 2025 | 7 | 4 | 02:00 | 101vs103 | 77vs157 | Dry Bulb is less than Dew Point | No |
| KAWANGIRE | 2025 | 7 | 5 | 12:00 | 101(DryBulb)vs183(Thermo) | 256 vs 2254 | Large Deviation | No |
| KAWANGIRE | 2025 | 7 | 10 | 07:00 | 103vs102 | 161 vs 146 | Dew Point is greater than Wet Bulb | No |
| KAWANGIRE | 2025 | 7 | 10 | 07:00 | 166vs103 | 151 vs 161 | Vapor Pressure is less than Dew Point | No |
| KIBUNGO | 2025 | 7 | 14 | 13:00 | 166vs103 | 60 vs 140 | Vapor Pressure is less than Dew Point | No |
| KIBUNGO | 2025 | 7 | 15 | 07:00 | 103vs102 | 146 vs 142 | Dew Point is greater than Wet Bulb | No |
| KIBUNGO | 2025 | 7 | 15 | 08:00 | 103vs102 | 152 vs 142 | Dew Point is greater than Wet Bulb | No |
| KIBUNGO | 2025 | 7 | 15 | 10:00 | 196 Vs 112 | 0 vs 140 | Wind Speed and direction do not match | No |
| KIBUNGO | 2025 | 7 | 15 | 11:00 | 196 Vs 112 | 3 vs 0 | Wind Speed and direction do not match | No |
| KIBUNGO | 2025 | 7 | 18 | 04:00 | 166vs103 | 74 vs 153 | Vapor Pressure is less than Dew Point | No |

1. **Limits and hourly Consecutive Control Report**

| Station Name | Year | Month | Day | Element ID | Hour | Value | Limit Check | Consistency Check | Verified |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GITEGA | 2025 | 7 | 20 | 102 | 21:00 | 15 |  | Shift from 160, Sudden Change of 145 | No |
| GITEGA | 2025 | 7 | 20 | 102 | 22:00 | 150 |  | Shift from 15, Sudden Change of 135 | No |
| GITEGA | 2025 | 7 | 21 | 102 | 11:00 | 17 |  | Shift from 162, Sudden Change of 145 | No |
| GITEGA | 2025 | 7 | 21 | 102 | 12:00 | 174 |  | Shift from 17, Sudden Change of 157 | No |
| GITEGA | 2025 | 7 | 30 | 102 | 16:00 | 255 |  | Shift from 167, Sudden Change of 88 | No |
| GITEGA | 2025 | 7 | 30 | 102 | 17:00 | 163 |  | Shift from 255, Sudden Change of 92 | No |
| RUBENGERA | 2025 | 7 | 4 | 101 | 10:00 | 244 |  | Shift from 131, Sudden Change of 113 | No |
| RUBENGERA | 2025 | 7 | 31 | 102 | 17:00 | 79 |  | Shift from 182, Sudden Change of 103 | No |
| RUBENGERA | 2025 | 7 | 31 | 102 | 18:00 | 186 |  | Shift from 79, Sudden Change of 107 | No |
| RUBENGERA | 2025 | 7 | 26 | 103 | 01:00 | 246 |  | Shift from 146, Sudden Change of 100 | No |
| RUBENGERA | 2025 | 7 | 26 | 103 | 02:00 | 140 |  | Shift from 246, Sudden Change of 106 | No |
| RUBENGERA | 2025 | 7 | 17 | 105 | 07:00 | 9.3 | Suspected | Shift from 93, Sudden Change of 83.7 | No |
| RUBENGERA | 2025 | 7 | 17 | 105 | 08:00 | 93 |  | Shift from 9.3, Sudden Change of 83.7 | No |
| RUBENGERA | 2025 | 7 | 29 | 105 | 08:00 | 62 |  | Shift from 93, Sudden Change of 31 | No |
| RUBENGERA | 2025 | 7 | 30 | 105 | 08:00 | 62 |  | Shift from 93, Sudden Change of 31 | No |
| RUBENGERA | 2025 | 7 | 31 | 105 | 09:00 | 50 |  | Shift from 87, Sudden Change of 37 | No |
| RUBENGERA | 2025 | 7 | 18 | 110 | 07:00 | 650 | Suspected | - | No |
| RUBENGERA | 2025 | 7 | 2 | 184 | 09:00 | 42 |  | Shift from 82, Sudden Change of 40 | No |
| RUBENGERA | 2025 | 7 | 4 | 184 | 09:00 | 44 |  | Shift from 75, Sudden Change of 31 | No |
| RUBENGERA | 2025 | 7 | 9 | 184 | 08:00 | 55 |  | Shift from 89, Sudden Change of 34 | No |
| RUBENGERA | 2025 | 7 | 24 | 184 | 09:00 | 45 |  | Shift from 80, Sudden Change of 35 | No |
| RUBENGERA | 2025 | 7 | 25 | 184 | 10:00 | 40 |  | Shift from 80, Sudden Change of 40 | No |
| RUBENGERA | 2025 | 7 | 26 | 184 | 09:00 | 40 |  | Shift from 76, Sudden Change of 36 | No |
| RUBENGERA | 2025 | 7 | 27 | 184 | 09:00 | 55 |  | Shift from 89, Sudden Change of 34 | No |
| RUBENGERA | 2025 | 7 | 28 | 184 | 08:00 | 53 |  | Shift from 93, Sudden Change of 40 | No |
| RUBENGERA | 2025 | 7 | 29 | 184 | 08:00 | 52 |  | Shift from 92, Sudden Change of 40 | No |
| RUBENGERA | 2025 | 7 | 30 | 184 | 08:00 | 50 |  | Shift from 93, Sudden Change of 43 | No |
| RUBENGERA | 2025 | 7 | 31 | 184 | 09:00 | 36 |  | Shift from 86, Sudden Change of 50 | No |
| BUSOGO | 2025 | 7 | 28 | 103 | 08:00 | 99 |  | Shift from 42, Sudden Change of 57 | No |
| NYAGATARE | 2025 | 7 | 3 | 184 | 10:00 | 54 |  | Shift from 86, Sudden Change of 32 | No |
| KAWANGIRE | 2025 | 7 | 4 | 101 | 02:00 | 77 |  | Shift from 186, Sudden Change of 109 | No |
| KAWANGIRE | 2025 | 7 | 4 | 101 | 03:00 | 171 |  | Shift from 77, Sudden Change of 94 | No |
| KAWANGIRE | 2025 | 7 | 5 | 183 | 12:00 | 2254 | Suspected | Shift from 250, Sudden Change of 2004 | No |
| KAWANGIRE | 2025 | 7 | 5 | 183 | 13:00 | 267 |  | Shift from 2254, Sudden Change of 1987 | No |
| KAWANGIRE | 2025 | 7 | 1 | 184 | 04:00 | 0.1 | Suspected | Shift from 100, Sudden Change of 99.9 | No |
| KAWANGIRE | 2025 | 7 | 1 | 184 | 05:00 | 100 |  | Shift from 0.1, Sudden Change of 99.9 | No |
| KAWANGIRE | 2025 | 7 | 3 | 184 | 10:00 | 65 |  | Shift from 96, Sudden Change of 31 | No |
| KIBUNGO | 2025 | 7 | 28 | 184 | 01:00 | 78 |  | Shift from 47, Sudden Change of 31 | No |