

## ECMWF Conventional Observation Blacklist Proposal: 2019120400

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**European Centre for Medium-Range Weather Forecasts**  
**Europäisches Zentrum für mittelfristige Wettervorhersage**  
**Centre européen pour les prévisions météorologiques à moyen terme**

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## 2 Blacklists

### 2.1 SYNOP

#### 2.1.1 Add

| WMO Id | Station Name       | Country | varno                 | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description         | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison                             | Position                              |
|--------|--------------------|---------|-----------------------|-------------------|---------------------|-----------|--------------|-----------------------------|-----------------------|---------------------------|--|-----------------------|---|---------------------------------------|
| 42393  | Supaul (42393-0)   | India   | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP) |                       | 2019111000                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 82784  | Barbalha (82784-0) | Brazil  | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP) |                       | 2019111500                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 83076  | Ibipetuba          | Brazil  | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 1=>SYNOP(Manual Land SYNOP) |                       | 2019111800                | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

#### 2.1.2 Remove

| WMO Id | Station Name | Country    | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison                             | Position                              |
|--------|--------------|------------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|---|---------------------------------------|
| 28158  | 28158        |            | All parameters        | Remove from blacklist |                     |           |              | 1=>SYNOP(Manual Land SYNOP)    | 2019112300            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35167  | Derzhavinsk  | Kazakhstan | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 35167  | Derzhavinsk  | Kazakhstan | All parameters        | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019112300            |                           |  |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 35182  | 35182        |            | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 35265  | 35265        |            | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 40586  | Jahra        | Kuwait     | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 40590  | Managish     | Kuwait     | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

| WMO Id | Station Name                     | Country                                 | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison                             | Position                              |
|--------|----------------------------------|---|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|---|---------------------------------------|
| 42413  | Majbat                           | India (Stations North Of Latitude 20~N) | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 42474  | 42474                            |   | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |
| 44292  | Ulaanbaatar                      | Mongolia                                | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd                 | Senegal                                 | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 72662  | Rapid City/Regional Airport, Sd. | United States (The)                     | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 72662  | Rapid City/Regional Airport, Sd. | United States (The)                     | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 89776  | Bharati                          | Stations Operated By India              | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 9=>SYNOP(Abbreviated SYNOP)    | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 91562  | 91562                            |   | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 3=>SYNOP(Automatic Land SYNOP) | 2019111200            |                           | <a href="#">Time series plot(see page 4)</a> |                       | <a href="#">Multi Centre Comparison(see page 4)</a> |                                       |

## 2.2 DRIBU

### 2.2.1 Add

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description        | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|----------------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| 1400047 |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 188=>DRIBU(MOORED BUOYS)   |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2101633 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2201555 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111200                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

| WMO Id  | Station Name | Country | varno                 | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description        | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|---------|--------------|---------|-----------------------|-------------------|---------------------|-----------|--------------|----------------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| 2301502 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501541 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501664 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2501665 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 2601627 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112000                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4101702 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4400777 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4601593 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111400                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4801649 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4801667 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112000                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4801668 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111600                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4802506 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111400                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 4802514 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112000                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 6203708 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 6301686 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019111300                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 6401570 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019110900                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| 6401786 |              |         | Surface pressure (Pa) | Add to blacklist  |                     | 10        | 10           | 189=>DRIBU(DRIFTING BUOYS) |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

## 2.2.2 Remove

| WMO Id  | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description        | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|----------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 1601588 |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 189=>DRIBU(DRIFTING BUOYS) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 4200013 |              |         | V10m (m/s)            | Remove from blacklist |                     |           |              | 188=>DRIBU(MOORED BUOYS)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 4200013 |              |         | U10m (m/s)            | Remove from blacklist |                     |           |              | 188=>DRIBU(MOORED BUOYS)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.3 SHIP

### 2.3.1 Add

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 44009   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 13=>SHIP(Automatic SHIP) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 44042   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 13=>SHIP(Automatic SHIP) |                       | 2019111800                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 9HA4683 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019111400                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 9V3532  |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 9VDD2   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112000                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6FR3   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| EUCFR15 |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| J8QY1   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| OXES2   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)           |                       | 2019112100                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

| WMO Id  | Station Name | Country | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|------------------------------|-------------------|---------------------|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| PDGS    |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| TBWUK31 |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| V7LE8   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019111700                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRMN6   |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019111000                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRMX8   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| WDJ3199 |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112100                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| WPKW    |              |         | Wind Vector difference (m/s) | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| WPKW    |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| ZCDD6   |              |         | Surface pressure (Pa)        | Add to blacklist  |                     | 10        | 10           | 11=>SHIP(SHIP)      |                       | 2019111300                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

### 2.3.2 Remove

| WMO Id | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description      | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|--------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 42013  |              |         | V10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| 42013  |              |         | U10m (m/s)            | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| C6TQ6  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 11=>SHIP(SHIP)           | 2019111200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRFU9  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VRKZ7  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| VTFG   |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 13=>SHIP(Automatic SHIP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |



| WMO Id | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| ZCDY2  |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 11=>SHIP(SHIP)      | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.4 METAR

### 2.4.1 Add

### 2.4.2 Remove

| WMO Id | Station Name | Country | varno                 | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------------|-----------------------|---------------------|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| LSZL   |              |         | Surface pressure (Pa) | Remove from blacklist |                     |           |              | 140=>METAR(METAR)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.5 TEMP

### 2.5.1 Add

| WMO Id | Station Name | Country            | varno                        | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description  | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision                            | Position                              |
|--------|--------------|--------------------|------------------------------|-------------------|---------------------|-----------|--------------|----------------------|-----------------------|---------------------------|--|---|---|---------------------------------------|
| 24266  | Verhojansk   | Russian Federation | Temperature (k)              | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 30372  | Chara        | Russian Federation | Temperature (k)              | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019112200                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 30715  | Angarsk      | Russian Federation | Temperature (k)              | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019111700                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 98433  | Tanay        | Philippines        | Wind Vector difference (m/s) | Add to blacklist  |                     |           |              | 101=>TEMP(Land TEMP) |                       | 2019112300                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

### 2.5.2 Remove

| WMO Id | Station Name     | Country | varno           | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description  | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparison                             | Position                              |
|--------|------------------|---------|-----------------|-----------------------|---------------------|-----------|--------------|----------------------|-----------------------|---------------------------|--|---|---|---------------------------------------|
| 61660  | Dakar-Diass-Aibd | Senegal | Temperature (k) | Remove from blacklist |                     | 400       | 700          | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd | Senegal | Temperature (k) | Remove from blacklist |                     | 700       | 1013         | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd | Senegal | Vcomp (m/s)     | Remove from blacklist |                     | 400       | 700          | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd | Senegal | Ucomp (m/s)     | Remove from blacklist |                     | 400       | 700          | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd | Senegal | Vcomp (m/s)     | Remove from blacklist |                     | 700       | 1013         | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |
| 61660  | Dakar-Diass-Aibd | Senegal | Ucomp (m/s)     | Remove from blacklist |                     | 700       | 1013         | 101=>TEMP(Land TEMP) | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> | <a href="#">Multi Centre Comparison(see page 4)</a> | <a href="#">Maps view(see page 4)</a> |

## 2.6 PILOT

### 2.6.1 Add

### 2.6.2 Remove

## 2.7 AIREP

### 2.7.1 Add

### 2.7.2 Remove

| WMO Id | Station Name | Country | varno       | Evaluation Action     | Additional Comments   | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparison | Position |
|--------|--------------|---------|-------------|-----------------------|---|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|-------------------------|----------|
| ACA875 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern ACA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |
| ACA875 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern ACA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                         |          |

| WMO Id | Station Name | Country | varno       | Evaluation Action     | Additional Comments   | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-------------|-----------------------|---|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| AFR422 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern AFR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| AFR422 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern AFR... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| BAW242 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern BAW... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| BAW242 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern BAW... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111200            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| BAW280 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern BAW... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| BAW280 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern BAW... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| CCA783 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern CCA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| CCA783 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern CCA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| KLM254 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern KLM... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| KLM254 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern KLM... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| NRS15Z |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern NRS... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| NRS15Z |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern NRS... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| UAL919 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern UAL... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

| WMO Id  | Station Name | Country | varno       | Evaluation Action     | Additional Comments   | Layer top | Layer bottom | Subtype Description | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|---------|--------------|---------|-------------|-----------------------|---|-----------|--------------|---------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| UAL919  |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern UAL... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| WJA1874 |              |         | Vcomp (m/s) | Remove from blacklist | This requires removal of any existing pattern WJA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |
| WJA1874 |              |         | Ucomp (m/s) | Remove from blacklist | This requires removal of any existing pattern WJA... from the blacklist and addition of specific low quality ids. | 0         | 500          | 142=>AIREP(AIREP)   | 2019111900            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

## 2.8 AMDAR

### 2.8.1 Add

| WMO Id | Station Name | Country | varno           | Evaluation Action | Additional Comments | Layer top | Layer bottom | Subtype Description     | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|-----------------|-------------------|---------------------|-----------|--------------|-------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| EU0454 |              |         | Temperature (k) | Add to blacklist  |                     |           |              | 146=>AMDAR(WIGOS AMDAR) |                       | 2019111700                | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

### 2.8.2 Remove

## 2.9 ACARS

### 2.9.1 Add

### 2.9.2 Remove

### 3 Whitelists

#### 3.1 PROFILER

##### 3.1.1 Add

##### 3.1.2 Remove

| WMO Id | Station Name | Country | varno                        | Evaluation Action     | Additional Comments | Layer top | Layer bottom | Subtype Description              | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats)                             | Multi Centre Comparision | Position                              |
|--------|--------------|---------|------------------------------|-----------------------|---------------------|-----------|--------------|----------------------------------|-----------------------|---------------------------|--|---|--------------------------|---------------------------------------|
| 47406  | Rumoi        | Japan   | Wind Vector difference (m/s) | Remove from whitelist |                     |           |              | 96=>PROF(European Wind Profiler) |                       | 2019111600                | <a href="#">Time series plot(see page 4)</a> | <a href="#">Vertical Profile Plot(see page 4)</a> |                          | <a href="#">Maps view(see page 4)</a> |

#### 3.2 TEMP

##### 3.2.1 Add

| WMO Id | Station Name | Country | varno          | Evaluation Action | Additional Comments         | Layer top | Layer bottom | Subtype Description            | Improved since (YMDH) | Deteriorated since (YMDH) | Plot (Time series)                           | Plot (Vertical stats) | Multi Centre Comparision | Position |
|--------|--------------|---------|----------------|-------------------|-----------------------------|-----------|--------------|--------------------------------|-----------------------|---------------------------|--|-----------------------|--------------------------|----------|
| 84384  | 84384        |         | All parameters | Add to whitelist  | MultiCentre Intercomparison |           |              | 109=>TEMP(High Reso land TEMP) | 2019112300            |                           | <a href="#">Time series plot(see page 4)</a> |                       |                          |          |

##### 3.2.2 Remove

#### 3.3 PILOT

##### 3.3.1 Add

##### 3.3.2 Remove

## 3.4 SYNOP

### 3.4.1 Add

### 3.4.2 Remove