|  |  |
| --- | --- |
|  |  **Weather Report – Monitoring Data Sheet** |

Event: Date:

Location: :

Medical Delegate: Technical Delegate:

**WEATHER CONDITIONS (LEDGER O/B OF P) AMBIENT/SURFACE CONDITIONS [ ✓ ]**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Time** | **Clear/Sunny** | **Rain** | **Wind** | **WGBT oC** | **Humidity %** | **Air Temperature oC** |
| C1 | C2 | C3 | C4 | C1 | C2 | C3 | C4 | C1 | C2 | C3 | C4 | C1 | C2 | C3 | C4 | C1 | C2 | C3 | C4 | C1 | C2 | C3 | C4 |
| 6.00 am or Start |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9.00 am |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 noon |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3.00 pm |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6.00 pm or finish |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

If other weather conditions dictate, i.e. high winds, heavy rain, changing temperature etc. the Technical and Medical Delegates may adapt limits of the swim length or adopt provisions about the use of wetsuit. The final decision will be made one hour before the start and will be clearly communicated to the athletes by the Technical Delegate.

For aquathlon events, if the water temperature is below 22º C the event will be modified to a Swim-Run event.

**Data Location (record position on field of play where recordings were taken)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Position (if valid)** | **Time** | **Time** | **Time** | **Time** |
| Pontoon |  |  |  |  |
| Transition Area |  |  |  |  |
| Cycle Course |  |  |  |  |
| Run Course |  |  |  |  |
| Finish Area |  |  |  |  |
| Athlete’s Lounge |  |  |  |  |
| Recovery |  |  |  |  |
| Other |  |  |  |  |

|  |
| --- |
| ***Risk Categories in Wet Bulb Globe Temperatures Readings***  |
| ***Colour flag*** | ***Heat index*** | ***Risk*** |
| **Black**  | 28°C (82°F) and more | Extreme |
| **Red**  | 23-28°C (73-82°F) | High |
| **Yellow**  | 18-23°C (64-73°F) | Moderate |
| **Green**  | Lower than 18°C(64°F) | Low |

Remarks if required

Signed: on behalf of: Date:

**Weather Report – Monitoring Data Sheet**

This Report form may be used as a document to record atmospheric details before/during/after events as required for research purposes and/or to manage outcomes for athletes in competition

The decision to continue or cease operations and to so avoid compromising the heat and safety of athletes requires the periodic monitoring of the weather conditions prior to and during competition

To avoid confusion when describing particular weather condition, reference should be made to the Australian Bureau of Meteorology ‘Weather Forecasting Terms’ 1990.

**Weather Forecasting Terms\***

|  |  |
| --- | --- |
| **Clear (C)** | Free from cloud, fog, mist or dust haze. |
| **Sunny (S)** | Little chance of sun being obscured by cloud.**NB:** High Level cirrus clouds are often thin and wispy enough to allow a considerable amount of sunlight to penetrate them – sufficient to produce shadows on the ground. In this case the day should be termed ‘sunny’ even though more than half the sky may be covered in cirriform cloud. |
| **Overcast (O)** | Sky completely covered in cloud. |
| **Fog (F)** | Suspension of very small water droplets in the air, reducing visibility at the Earth’s surface to less than 1000 meters. |
| **Dew (D)** | Deposit of water drops on objects at or near the ground produced by condensation of water vapour from the surrounding clear air. |
| **Rain - Light (L)** | Individual drops easily identified, puddles form slowly, small streams may flow in gutters. |
|  **- Moderate (M)** | Indicated by rapidly forming puddles, downpipes flowing freely, some spray visible over hard surfaces. |
|  **- Heavy (H)** | Falls in sheets, misty spray over hard surfaces, may cause roaring noise on roof. |
|  **- Showers (SH)** | Precipitation which is often short-lived and heavy, falling from convective clouds. Showers are often characterized by their sudden ending and beginning. |
| **Wind - Light (L)** | 10 knots or less.Wind felt on face, leaves rustle, ordinary vanes moved by wind.Small wavelets, ripples form but do not break, a glassy appearance maintained.  |
|  **- Moderate (M)** | 11-16 knots.Raises dust and loose paper, small branches are moved.Small waves – become longer, fairly frequent white horses. |
|  **- Strong (ST)** | 22-27 knots.Large branches in motion, whistling heard in telephone wires, umbrellas used with difficulty.Large waves begin to form, the white foam crests are more extensive with probably some spray. |

\*Reference – Weather Forecasting Terms – Bureau of Meteorology 1990