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| --- | --- |
| **CHARACTERISTIC OF PRESSURE TENDENCY** | |
| CODE | NOMINAL |
| 0 | same or higher |
| 1-2-3 | higher |
| 4 | steady |
| 5 | same or lower |
| 6-7-8 | lower |

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| **MONTH** | **HOUR** | **pressure** | **three\_hour\_pressure\_change** | **wind\_direction** | **wind\_speed** | **visibility** | **cloud\_cover** | **height\_of\_base\_of\_cloud** | **dewpoint** | **drybulb** | **char\_pressure\_tendency\_string** | **present\_weather\_string** | **past\_weather1\_string** | **past\_weather2\_string** | **cloud\_type\_string** |

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| **PRESENT WEATHER** | | |
| CODE | NEW\_CODE | NOMINAL |
| 0-1-2-3 | 1 | no meteors during the past hour |
| 4-5-6-7-8-9 | 2 | haze dust or smoke |
| 10 | 3 | mist |
| 11-12 | 4 | patches |
| 13 | 5 | lightning |
| 14-15-16 | 6 | precipitation |
| 17 | 7 | thunderstorm no precipitation |
| 18 | 8 | squalls |
| 19 | 9 | funnel clouds |
| 20 | 10 | drizzle |
| 21 | 11 | rain |
| 22 | 12 | snow |
| 23 | 13 | rain and snow |
| 24 | 14 | freezing drizzle or rain |
| 25 | 15 | showers of rain |
| 26 | 16 | showers of snow |
| 27 | 17 | showers of hail |
| 28 | 18 | fog or ice fog preceding hour |
| 29 | 19 | thunderstorm preceding hour |
| 30-31-32-33-34-35-36-37-38-39 | 20 | duststorm sandstorm or snow |
| 40-41-42-43-44-45-46-47-48-49 | 21 | fog |
| 50-51-52-53-54-55-56-57-58-59 | 22 | drizzle |
| 60-61-62-63-64-65-66-67-68-69 | 23 | rain |
| 70-71-72-73-74-75-76-77-78-79 | 24 | solid precipitation not in showers |
| From 80 to 99 | 25 | showery precipitation |

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| **PAST WEATHER 1-2** | |
| CODE | NOMINAL |
| 0-1-2 | cloud covering the sky |
| 3 | sandstorm duststorm or snow |
| 4 | fog |
| 5 | drizzle |
| 6 | rain |
| 7 | snow |
| 8 | showers |
| 9 | thunderstorm |

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| **CLOUD TYPE** | |
| CODE | NOMINAL |
| 30 | no low clouds |
| 31 | cumulus humilis |
| 32 | cumulus mediocris |
| 33 | cumulunimbus calvus |
| 34 | stratocumulus cumulogenitus |
| 35 | stratocumulus not cumulogenitus |
| 36 | stratus nebulosus |
| 37 | stratus fractus |
| 38 | cumulus and stratocumulus not cumulogenitus |
| 39 | cumulonimbus capillatus |
| 62 | low clouds invisible due to darkness fog dust or sand |