

## C. HUMIDITY

**TABLE -XIV**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR FROM 1966 TO 2007**

| MONTH/YEAR                                                    | 1966      |           | 1967      |           | 1968      |           | 1969      |           | 1970      |           |
|---------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                                               | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  |
| JANUARY                                                       | 73        | 78        | 75        | 79        | 68        | 74        | 75        | 80        | 69        | 75        |
| FEBRUARY                                                      | 70        | 74        | 72        | 75        | 66        | 71        | 71        | 73        | 68        | 74        |
| MARCH                                                         | 62        | 68        | 68        | 74        | 65        | 72        | 70        | 74        | 66        | 70        |
| APRIL                                                         | 66        | 74        | 56        | 72        | 66        | 75        | 66        | 73        | 66        | 73        |
| MAY                                                           | 81        | 83        | 81        | 84        | 78        | 83        | 80        | 83        | 81        | 86        |
| JUNE                                                          | 82        | 82        | 84        | 87        | 85        | 87        | 86        | 87        | 87        | 87        |
| JULY                                                          | 87        | 88        | 88        | 89        | 86        | 87        | 86        | 86        | 86        | 87        |
| AUGUST                                                        | 85        | 88        | 87        | 88        | 83        | 84        | 83        | 87        | 86        | 88        |
| SEPTEMBER                                                     | 85        | 89        | 84        | 86        | 85        | 88        | 83        | 86        | 85        | 87        |
| OCTOBER                                                       | 79        | 86        | 83        | 88        | 79        | 85        | 77        | 84        | 81        | 86        |
| NOVEMBER                                                      | 81        | 85        | 77        | 83        | 75        | 82        | 77        | 82        | 81        | 86        |
| DECEMBER                                                      | 80        | 87        | 68        | 77        | 75        | 80        | 65        | 75        | 77        | 83        |
| <b>YEAR WISE<br/>MEAN RELATIVE<br/>HUMIDITY<br/>(AVERAGE)</b> | <b>77</b> | <b>82</b> | <b>78</b> | <b>82</b> | <b>76</b> | <b>81</b> | <b>77</b> | <b>81</b> | <b>78</b> | <b>82</b> |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 1971    |          | 1972    |          | 1973    |          | 1974    |          | 1975    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 65      | 72       | 66      | 70       | 67      | 70       | 69      | 72       | 78      | 79       |
| FEBRUARY                                            | 68      | 72       | 65      | 69       | 72      | 73       | 73      | 71       | 72      | 73       |
| MARCH                                               | 67      | 73       | 66      | 71       | 71      | 73       | 70      | 74       | 72      | 72       |
| APRIL                                               | 63      | 70       | 71      | 76       | 67      | 72       | 73      | 78       | 68      | 74       |
| MAY                                                 | 80      | 81       | 79      | 81       | 84      | 85       | 77      | 81       | 79      | 83       |
| JUNE                                                | 83      | 85       | 86      | 85       | 86      | 85       | 80      | 83       | 86      | 87       |
| JULY                                                | 85      | 86       | 85      | 85       | 86      | 87       | 84      | 85       | 82      | 81       |
| AUGUST                                              | 83      | 87       | 82      | 85       | 85      | 86       | 83      | 84       | 85      | 87       |
| SEPTEMBER                                           | 84      | 88       | 82      | 86       | 84      | 86       | 81      | 86       | 83      | 84       |
| OCTOBER                                             | 85      | 88       | 79      | 88       | 82      | 85       | 84      | 88       | 84      | 89       |
| NOVEMBER                                            | 72      | 78       | 83      | 83       | 79      | 81       | 78      | 83       | 81      | 85       |
| DECEMBER                                            | 74      | 80       | 74      | 87       | 73      | 74       | 72      | 77       | 74      | 78       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 76      | 80       | 77      | 81       | 78      | 80       | 77      | 80       | 79      | 81       |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 1976    |          | 1977    |          | 1978    |          | 1979    |          | 1980    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 66      | 68       | 74      | 75       | 76      | 77       | 72      | 78       | 71      | 73       |
| FEBRUARY                                            | 70      | 62       | 74      | 74       | 73      | 73       | 69      | 70       | 66      | 70       |
| MARCH                                               | 68      | 73       | 73      | 74       | 69      | 72       | 65      | 65       | 67      | 69       |
| APRIL                                               | 69      | 68       | 67      | 73       | 70      | 74       | 71      | 72       | 67      | 72       |
| MAY                                                 | 82      | 83       | 81      | 84       | 83      | 81       | 77      | 80       | 76      | 80       |
| JUNE                                                | 82      | 84       | 83      | 84       | 85      | 85       | 80      | 80       | 84      | 84       |
| JULY                                                | 81      | 84       | 86      | 88       | 89      | 86       | 86      | 89       | 85      | 85       |
| AUGUST                                              | 85      | 86       | 85      | 83       | 84      | 83       | 83      | 84       | 84      | 85       |
| SEPTEMBER                                           | 82      | 85       | 86      | 88       | 86      | 81       | 82      | 85       | 81      | 81       |
| OCTOBER                                             | 81      | 84       | 79      | 83       | 76      | 84       | 77      | 82       | 84      | 89       |
| NOVEMBER                                            | 77      | 81       | 77      | 80       | 75      | 77       | 74      | 75       | 79      | 86       |
| DECEMBER                                            | 72      | 71       | 73      | 77       | 71      | 72       | 72      | 73       | 79      | 84       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 76      | 78       | 78      | 80       | 78      | 79       | 76      | 78       | 77      | 79       |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 1981    |          | 1982    |          | 1983    |          | 1984    |          | 1985    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 70      | 73       | 72      | 75       | 70      | 73       | 71      | 71       | 74      | 76       |
| FEBRUARY                                            | 67      | 73       | 70      | 73       | 70      | 72       | 78      | 82       | 69      | 73       |
| MARCH                                               | 63      | 71       | 69      | 73       | 67      | 67       | 70      | 72       | 69      | 71       |
| APRIL                                               | 69      | 75       | 70      | 77       | 68      | 67       | 72      | 77       | 69      | 72       |
| MAY                                                 | 77      | 79       | 76      | 80       | 67      | 71       | 78      | 79       | 75      | 80       |
| JUNE                                                | 83      | 80       | 82      | 83       | 82      | 83       | 83      | 84       | 83      | 84       |
| JULY                                                | 82      | 85       | 84      | 85       | 83      | 86       | 83      | 84       | 82      | 84       |
| AUGUST                                              | 84      | 86       | 82      | 85       | 88      | 85       | 79      | 82       | 84      | 85       |
| SEPTEMBER                                           | 82      | 87       | 85      | 85       | 82      | 88       | 82      | 85       | 83      | 89       |
| OCTOBER                                             | 80      | 86       | 77      | 81       | 85      | 87       | 78      | 82       | 81      | 87       |
| NOVEMBER                                            | 80      | 86       | 81      | 87       | 79      | 77       | 76      | 79       | 80      | 74       |
| DECEMBER                                            | 75      | 81       | 70      | 72       | 75      | 79       | 75      | 77       | 73      | 76       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 76      | 81       | 77      | 80       | 76      | 78       | 77      | 80       | 77      | 80       |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                                    | 1986      |           | 1987      |           | 1988      |           | 1989      |           | 1990      |           |
|---------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                                               | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  |
| JANUARY                                                       | 70        | 73        | 73        | 76        | 73        | 75        | 76        | 77        | 75        | 78        |
| FEBRUARY                                                      | 70        | 72        | 73        | 73        | 76        | 77        | 73        | 72        | 74        | 76        |
| MARCH                                                         | 70        | 71        | 71        | 73        | 69        | 71        | 73        | 75        | 72        | 77        |
| APRIL                                                         | 71        | 76        | 68        | 68        | 71        | 75        | 67        | 69        | 75        | 77        |
| MAY                                                           | 75        | 80        | 77        | 78        | 81        | 85        | 79        | 85        | 81        | 84        |
| JUNE                                                          | 85        | 85        | 82        | 84        | 83        | 83        | 83        | 86        | 81        | 84        |
| JULY                                                          | 82        | 83        | 76        | 77        | 84        | 85        | 82        | 83        | 86        | 84        |
| AUGUST                                                        | 84        | 86        | 85        | 85        | 85        | 81        | 85        | 86        | 84        | 86        |
| SEPTEMBER                                                     | 83        | 87        | 82        | 85        | 86        | 87        | 82        | 86        | 84        | 90        |
| OCTOBER                                                       | 82        | 87        | 80        | 86        | 80        | 84        | 81        | 87        | 80        | 84        |
| NOVEMBER                                                      | 75        | 77        | 81        | 85        | 81        | 82        | 78        | 68        | 81        | 83        |
| DECEMBER                                                      | 70        | 76        | 73        | 76        | 71        | 74        | 80        | 71        | 73        | 74        |
| <b>YEAR WISE<br/>MEAN RELATIVE<br/>HUMIDITY<br/>(AVERAGE)</b> | <b>76</b> | <b>79</b> | <b>77</b> | <b>79</b> | <b>78</b> | <b>80</b> | <b>78</b> | <b>79</b> | <b>79</b> | <b>81</b> |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                                    | 1991      |           | 1992      |           | 1993      |           | 1994      |           | 1995      |           |
|---------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|                                                               | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  | 830 Hrs   | 1730 Hrs  |
| JANUARY                                                       | 74        | 75        | 77        | 80        | 71        | 72        | 72        | 75        | 71        | 72        |
| FEBRUARY                                                      | 69        | 71        | 69        | 69        | 68        | 71        | 70        | 69        | 71        | 71        |
| MARCH                                                         | 73        | 72        | 68        | 77        | 69        | 71        | 70        | 74        | 70        | 73        |
| APRIL                                                         | 73        | 75        | 67        | 70        | 66        | 70        | 71        | 75        | 68        | 72        |
| MAY                                                           | 74        | 78        | 76        | 80        | 73        | 77        | 82        | 85        | 80        | 84        |
| JUNE                                                          | 78        | 79        | 82        | 83        | 79        | 82        | 84        | 85        | 86        | 85        |
| JULY                                                          | 83        | 84        | 83        | 84        | 84        | 84        | 86        | 85        | 84        | 85        |
| AUGUST                                                        | 88        | 87        | 80        | 85        | 82        | 85        | 85        | 86        | 87        | 87        |
| SEPTEMBER                                                     | 86        | 88        | 85        | 87        | 84        | 86        | 85        | 87        | 86        | 87        |
| OCTOBER                                                       | 81        | 88        | 81        | 86        | 82        | 86        | 76        | 82        | 82        | 87        |
| NOVEMBER                                                      | 71        | 78        | 77        | 79        | 75        | 79        | 76        | 79        | 82        | 87        |
| DECEMBER                                                      | 74        | 76        | 72        | 76        | 70        | 72        | 72        | 75        | 67        | 72        |
| <b>YEAR WISE<br/>MEAN RELATIVE<br/>HUMIDITY<br/>(AVERAGE)</b> | <b>77</b> | <b>79</b> | <b>76</b> | <b>80</b> | <b>75</b> | <b>78</b> | <b>77</b> | <b>80</b> | <b>78</b> | <b>80</b> |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 1996    |          | 1997    |          | 1998    |          | 1999    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 69      | 72       | 69      | 71       | 74      | 78       | 74      | 77       |
| FEBRUARY                                            | 73      | 76       | 70      | 66       | 69      | 71       | 75      | 78       |
| MARCH                                               | 67      | 74       | 69      | 69       | 71      | 67       | 71      | 72       |
| APRIL                                               | 72      | 75       | 66      | 71       | 65      | 72       | 82      | 86       |
| MAY                                                 | 81      | 84       | 72      | 79       | 76      | 80       | 84      | 85       |
| JUNE                                                | 85      | 87       | 78      | 80       | 86      | 87       | 82      | 83       |
| JULY                                                | 85      | 86       | 86      | 88       | 85      | 86       | 83      | 85       |
| AUGUST                                              | 83      | 87       | 84      | 86       | 82      | 85       | 83      | 86       |
| SEPTEMBER                                           | 82      | 87       | 84      | 88       | 85      | 88       | 84      | 86       |
| OCTOBER                                             | 87      | 91       | 78      | 83       | 87      | 91       | 83      | 88       |
| NOVEMBER                                            | 80      | 85       | 80      | 86       | 82      | 86       | 80      | 83       |
| DECEMBER                                            | 76      | 79       | 73      | 76       | 75      | 79       | 71      | 76       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 78      | 82       | 76      | 79       | 78      | 81       | 79      | 82       |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 2000    |          | 2001    |          | 2002    |          | 2003    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 76      | 76       | 77      | 78       | 71      | 74       | 72      | 75       |
| FEBRUARY                                            | 75      | 72       | 72      | 70       | 71      | 74       | 72      | 73       |
| MARCH                                               | 73      | 72       | 75      | 76       | 68      | 72       | 70      | 76       |
| APRIL                                               | 76      | 79       | 70      | 75       | 69      | 74       | 68      | 72       |
| MAY                                                 | 82      | 85       | 81      | 87       | 79      | 82       | 77      | 80       |
| JUNE                                                | 84      | 86       | 82      | 84       | 84      | 85       | 82      | 83       |
| JULY                                                | 81      | 84       | 83      | 84       | 82      | 85       | 89      | 89       |
| AUGUST                                              | 85      | 87       | 85      | 86       | 82      | 83       | 84      | 86       |
| SEPTEMBER                                           | 81      | 85       | 82      | 87       | 85      | 88       | 84      | 87       |
| OCTOBER                                             | 83      | 89       | 81      | 87       | 77      | 86       | 82      | 87       |
| NOVEMBER                                            | 73      | 79       | 74      | 78       | 81      | 86       | 72      | 78       |
| DECEMBER                                            | 75      | 78       | 75      | 81       | 75      | 81       | 69      | 74       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 79      | 81       | 78      | 81       | 77      | 81       | 77      | 80       |

**TABLE -XIV (Contd.)**  
**MEAN RELATIVE HUMIDITY PERCENTAGE RECORDED AT PORT BLAIR**

| MONTH/YEAR                                          | 2004    |          | 2005    |          | 2006    |          | 2007    |          |
|-----------------------------------------------------|---------|----------|---------|----------|---------|----------|---------|----------|
|                                                     | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs | 830 Hrs | 1730 Hrs |
| JANUARY                                             | 71      | 76       | 69.6    | 74.5     | 70.1    | 72.6     | 72      | 75       |
| FEBRUARY                                            | 69      | 70       | 68.4    | 70.7     | 71.6    | 71.2     | 67      | 72       |
| MARCH                                               | 67      | 72       | 69.4    | 71.4     | 70.1    | 69.2     | 65      | 72       |
| APRIL                                               | 66      | 70       | 67.8    | 73.6     | 67.9    | 74.5     | 69      | 75       |
| MAY                                                 | 83      | 86       | 76.8    | 82.2     | 78.0    | 83.0     | 83      | 85       |
| JUNE                                                | 84      | 88       | 85.2    | 86.3     | 89.0    | 91.0     | 84      | 87       |
| JULY                                                | 83      | 85       | 83.8    | 84.4     | 85.0    | 87.0     | 84      | 86       |
| AUGUST                                              | 84      | 86       | 82.2    | 85.4     | 84.0    | 86.0     | 86      | 88       |
| SEPTEMBER                                           | 83      | 86       | 84.9    | 84.9     | 90.0    | 93.0     | 87      | 91       |
| OCTOBER                                             | 80      | 84       | 82.4    | 85.5     | 83.0    | 87.0     | 85      | 88       |
| NOVEMBER                                            | 75      | 79       | 78.9    | 82.1     | 75.0    | 80.0     | 79      | 82       |
| DECEMBER                                            | 65      | 69       | 79.0    | 81.3     | 71.0    | 76.0     | 72      | 75       |
| YEAR WISE<br>MEAN RELATIVE<br>HUMIDITY<br>(AVERAGE) | 76      | 79       | 77      | 80       | 78      | 81       | 78      | 82       |