

Department of Climate Change and Meteorological Services

10-day Weather and Agrometeorological Bulletin



In support of national early warning systems

Period: 01 – 10 April 2013 Season: 2012/20

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HIGHLIGHTS

- Rainfall over Malawi continued to decline ...
- Maize crop mostly at dying stage and harvesting continues...
- Occasional light rainfall expected during the period 11 to 20th April 2013...

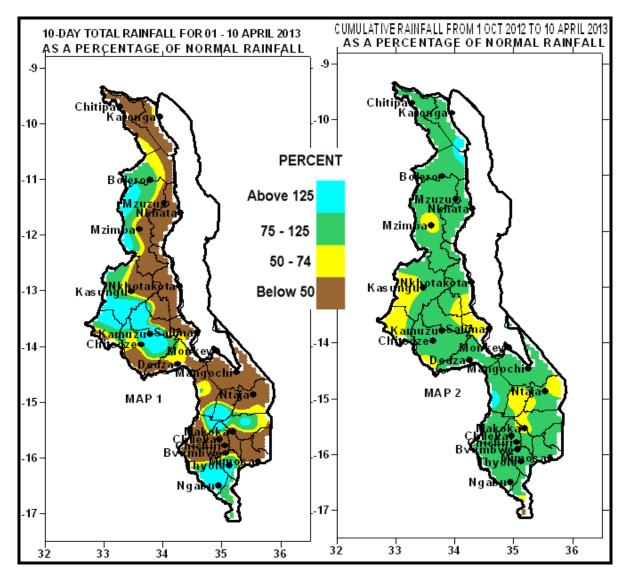


Figure 1: Rainfall Maps for Malawi for 01 – 10 April 2013

1.0 WEATHER SUMMARY AND IMPACTS

1.1 RAINFALL SITUATION

During the first ten days of April 2013 below average cumulative rainfall and dry conditions were experienced over most areas in Malawi except for places which had registered average to above average cumulative rainfall amounts. A few areas that had recorded significant rainfall amounts in excess of 75mm included Masambanjati Agric 77.6mm in the south, Kamuzu International Airport Met 85.3mm and Madisi Agric 78.3mm in the centre. See more details in Table 1 and Map 1.

Map 2 shows the cumulative rainfall performance for the country since the rainfall season started on 1st October 2012 up to 10th April 2013. The map shows that most areas in Malawi have achieved their expected long term average cumulative rainfall amounts (green colour on Map 2) with a few pockets of below average rainfall (yellow and brown colours) and above average rainfall (light blue colour). For more details refer to Table 1 and Map 2.

1.2 VEGETATION CONDITION

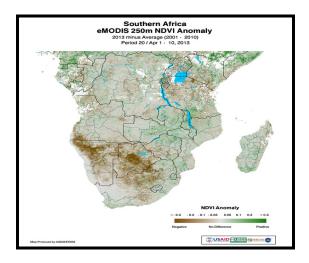


Figure 2: Vegetation Condition over Southern Africa

The vegetation diference from long term average map for Southern Africa for the period 1st to 10th April 2013 showed a mixed pattern over the region. Positive anomalies persisted in most areas that had experienced good rainfall and improved green biomass (Figure2) while pockets of negative

anomalies were evident in areas where seasonal vegetation and crops had reached maturity and senescence period.

1.3 AIR TEMPERATURE

During the first ten days of April 2013, warm to hot tempratures were experienced over Malawi. The daily mean maximum temperatures ranged from 23.8°C at Dedza to 31.5°C at Ngabu and Mangochi. When compared to the previous dekad, generally slightly lower temperatures have been experienced in Malawi. Mean absolute minimum temperatures ranged from around 12.0°C at Byumbwe and Bolero (Table 2). The highest absolute maximum temperature for the period was about 34.1°C, observed at Ngabu in Shire Valley on 10 April 2013.

1.4 WIND SPEEDS

Daily mean wind speeds at a height of two metres above the ground level ranged from 0.3 to 2.7 meters per second. The lowest mean wind speed was reported at Chitedze Met while the highest mean wind speed was recorded at Chitipa Met. Refer to Table 2.

1.5 RELATIVE HUMIDITY

During the period under review, air over Malawi was relatively dry. Mean daily relative humidity values ranged from 53% to 89%. The lowest mean relative humidity value was reported at Makoka in Zomba district while the highest relative humidity was registered at Bolero in Rumphi district. See more details in Table 2.

2.0 AGROMETEOROLOGICAL ASSESSMENT

Dry weather conditions were maintained in most areas in Malawi during the period under review. The prevailing dry weather had facilitated harvesting and drying of matured crops while moderate rains that fell in some parts of the country had supported growth and development of roots and tuber crops. On the negative note the wet weather had hampered harvesting of matured crops. Maize crop had ranged from maturity and drying to harvesting stages. Crops that were at

drying stage required more sunshine hours for drying. The following is an assessment by Agriculture Development Divisions (ADDs):

2.1 SHIRE VALLEY ADD

Fairly wet weather had been experienced in the ADD resulting in above average rainfall situation during the period under review. The wet weather that existed in the ADD had hampered harvesting and drying of crops that had reached physiological maturity stage. Water and pasture for livestock were reported readily available and this continued to improve livestock condition in the ADD. Maize crop was reported to be mostly at drying and harvesting stages. Harvesting of matured crops has improved household food security in the ADD.

2.2 BLANTYRE ADD

Dry weather was experienced in most parts of the ADD during the period under review. The dry weather continued to facilitate harvesting and drying of crops. Maize was mostly between drying and harvesting stages. Harvesting of matured crops was in progress in the ADD. This has greatly improved household food security in the ADD.

2.3 MACHINGA ADD

Dry conditions persisted in Machinga ADD during the first ten days of April 2013. Most areas had registered below average rainfall situation during the entire period. The dry weather continued to facilitate harvesting and drying of matured crops. The Maize crop was reported ranging from drying to harvesting stages. Harvesting of various crops was in progress in most parts of the ADD. This has improved household food security in the ADD

2.4 LILONGWE ADD

Most Extension Planning Areas (EPAs) in Lilongwe ADD had experienced below average rainfall situation leading to wilting and premature drying of crops. A few areas continued to receive light rains which were good for growth and development roots and tuber crops. The Maize crop was reported at various stages of development ranging from maturity to drying and harvesting stages. Harvesting of greens was in progress in the ADD. This has improved household food security in Lilongwe ADD.

2.5 SALIMA ADD

Salima ADD had experienced dry weather conditions during the first ten days of April 2013. Most areas had registered far below average rainfall amounts which had resulted into wilting and premature drying of some crops. The Maize crop was reported at various stages of development ranging from maturity to drying and harvesting stages. Harvesting of matured crops was in progress in the ADD and this continued to improve household food security in the ADD.

2.6 KASUNGU ADD

Season: 2012/13

Most parts of the ADD had stayed dry except for some parts of Mchinji which had registered above average rainfall during the first ten days of April 2013. Most areas had registered below average rainfall situation leading to premature drying of late planted crops. A few areas however had recorded light rains which had supported growth and development roots and tubers. The Maize crop was reported to be at various stages of development ranging from maturity and drying stages. Harvesting of matured crops was in progress in the ADD. This has positively impacted on household food security.

2.7 MZUZU ADD

Generally most parts of Mzuzu ADD had experienced dry weather conditions except for the western side which had reported above average rainfall during the first ten days of April 2013. The dry weather has caused premature drying of late planted crops and local maize. Crops were reported to have dried prematurely in some parts of Rumphi and Mzimba districts. The Maize crop was reported at various stages of development ranging from maturity and drying to harvesting stages.

2.8 KARONGA ADD

Dry conditions and below average rainfall situation had returned to 'Karonga ADD during the period under review. The dry weather that existed had helped the flood waters to recede in Kaporo north. The floods have supported growth and development of rice in the ADD. The Maize crop was reported doing well and had ranged from maturity to drying and harvesting stages.

3. PROSPECTS FOR 2012/13 RAINFALL SEASON

The summary of the 2012/2013 seasonal rainfall outlook is that "Normal total rainfall amounts are expected over most parts of Malawi during the 2012/2013 rainfall season". The forecast which was reviewed and updated in December 2012 still had maintained that the greater part of the country will still experience normal to above normal total rainfall amounts by end of the summer rainfall season.

4. OUTLOOK FOR 11 - 20 APRIL 2013

Models for short and medium term weather forecasts indicate that a series of high pressure areas will pass through the southern tip of the Republic of South Africa and occasionally cause an influx of cool and moist air into Malawi. Therefore Malawi will experience occasional cloudy weather conditions with patches of rain and drizzle mainly over highlands and Mwera winds over the Lake during the period 11 to 20th April 2013.

TABLE 1: DEKADAL RAINFALL FOR SELECTED STATIONS FOR DEKAD 1 OF APRIL 2013: PERIOD 01 – 10TH

Season: 2012/13

| SOUTHERN RECOVER | | DEKADAL TOTAL RAINFALL | DEKADAL NORMAL | DEKADAL TOTAL AS PERCENTAGE | TOTAL TO DATE | NORMAL TO DATE | NORMAL TODATE AS PERCENTAGE OF NORMAL | RAINY DAYS |
|--|-----------------------|------------------------------|-------------------|-----------------------------------|---------------------|----------------------|--|---------------|
| Beals Transcript | STATION NAME | mm | mm | OF NORMAL | mm | mm | | ≥ 0.3 mm |
| Bout now Mot. | | 7.0 | 21.4 | 22 | 207.7 | 020.0 | 40 | 1 |
| Chancelor College 9.84 | | | | | | | | 2 |
| Clastin Med. 16.7 29.0 58 3771.4 1075.5 120 100 | | | | | _ | | | 3 |
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| Chiesea Agric | | | | | | | | 1 |
| Chropped Aging | | | | | _ | | | 0 |
| Christian Agric 6-9 22-4 31 79.30 94.19 81 1 1 1 1 1 1 1 1 | Chileka Airport | 4.6 | 20.0 | 23 | 828.0 | 846.9 | 98 | 2 |
| Chizzongs Factory | Chingale Agric | 0.0 | | 0 | 638.0 | 889.1 | 72 | 0 |
| Kasmingha Res. Str. 5.3 18.1 2.9 585.0 685.1 220 | | | | | | | | 2 |
| Light Tea Estate | | | | | | | | 1 |
| Maplang Mark 13.1 16.4 80 89.04 98.24 123 148 148 148 148 168 169 177 168 168 168 168 169 168 16 | | | | | | | | 2 |
| Machage Net | | | | | | | | 0 |
| Masola Mer | | | | | | | | 2 |
| Mangeon Met. 1.6 20.3 8 775.3 683.5 133 91 | | | | | | | | 1 |
| Mesambranian Agric | | | | | | | | 1 |
| Minoreay Bay Met. 9.8 63.8 15 144.8 131.8 106 | | | | | | | | 2 |
| Myember Vet | | | | 15 | | | 106 | 2 |
| Malange Borna 42.1 82.2 51 195.6 106.3 99 | | 2.7 | 6.5 | 42 | 761.6 | 558.1 | 136 | 1 |
| Mayaniza Borna 2.1 34.9 6 817.9 971.8 84 | | | | | _ | | | 0 |
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| Namwer Agric 0.0 34.5 0 941.2 1006.7 93 | | | | | | | | 0 |
| Nechalo Sucoma 64.3 18.9 340 594.6 624.3 95 | | | | | | | | 0 |
| Nemo Agric 0.0 36.3 0 1141.0 1047.4 1099 Nagaba Met. 28.4 17.9 1599 737.9 727.7 102.0 1047.4 1158.4 117.9 131.2 38 699.1 585.4 81 117.5 118.5 | | | | | | | | 0 2 |
| Ngabu Met | | | | | | | | 0 |
| Natis Met. 11.7 | | | | | | | | 2 |
| Phallula Agric | | | | | _ | | | 1 |
| Thyolo Borne | | 61.5 | 14.3 | 430 | 651.0 | 799.1 | 81 | 2 |
| Comban RTC | Satemwa Tea Est. No.1 | 39.1 | 46.5 | 84 | 598.7 | 1024.9 | 58 | 3 |
| Bunda College 28.8 30.7 94 858.3 864.3 99 | Thyolo Boma | 58.2 | 42.6 | 137 | 1021.9 | 1091.4 | 94 | 1 |
| Burnda College 28.8 30.7 94 858.3 864.3 99 Chileka Namilete 22.6 27.9 85 764.2 889.5 86 Chiledze Met. 22.5 29.3 77 863.9 859.0 101 Dedza Met 17.0 25.6 66 225.0 904.8 80 Dowa Agrig 6.5 24.5 27 663.6 859.9 77 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 123.0 1228.9 91 Dowang Sugar Corp. 3.0 92.8 3 123.0 126.0 | | 16.1 | 42.0 | 38 | 944.1 | 1153.8 | 82 | 2 |
| Chileste Namites | | | - | | 1 | | | 1 |
| Chilectz Met 17.0 22.5 29.3 77 863.9 859.0 101 | | | | | | | | 2 |
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| Decarging Sugar Corp. 3.0 92.8 3 1123.0 1228.9 91 | | | | | | | | 1 |
| Dzonza Forest 0.0 20.5 0 1467.6 952.3 154 | | | | | | | | 2 |
| Kalluluma DTC | | | | | | | | 0 |
| KLA Met | | | | | | | | 2 |
| Rasungu Met | K.I.A Met | 85.3 | 19.6 | 435 | 880.8 | 830.4 | 106 | 4 |
| Lifuwu 11.0 46.3 24 727.5 1175.2 62 Lisasadzi 14.5 15.8 92 618.8 792.1 78 Malomo Agric 0.0 16.3 0 730.4 808.4 90 Madish Agric 78.3 16.3 480 674.1 812.7 83 Mchinji Boma 0.0 29.3 0 610.1 977.9 62 Mkanda Met 39.3 25.9 152 576.4 853.3 68 Mlangeri Njolomole 7.1 24.3 29 853.9 939.5 91 Mponela Agric 0.5 11.6 4 658.2 779.0 84 Matakaka Airwing 0.0 29.9 0 555.5 793.4 70 Natural Res. College 13.9 15.0 93 757.0 821.7 92 Nkhotakota Met 50.3 97.1 52 1254.8 1341.7 94 Ntchisi Borna 0.0 | Kasiya Agric | 10.2 | 19.0 | 54 | 830.6 | 928.2 | 89 | 1 |
| Lisasadzi | Kasungu Met | 5.1 | | 29 | 564.3 | | | 2 |
| Malomo Agric 0.0 16.3 0 730.4 808.4 90 Madisi Agric 78.3 16.3 480 674.1 812.7 83 Mchinji Boma 0.0 29.3 0 610.1 977.9 62 Mkanda Mel 39.3 25.9 152 576.4 853.3 68 Mlangeni Njolomole 7.1 24.3 29 853.9 939.5 91 Mponela Agric 0.5 11.6 4 658.2 779.0 84 Mtakataka Airwing 0.0 29.9 0 555.5 793.4 70 Nathenje Agric 65.3 44.0 148 961.6 840.3 114 Natural Res. College 13.9 15.0 93 757.0 821.7 92 Nkhotakota Met 50.3 97.1 52 1254.8 1341.7 94 Ntchisi Boma 0.0 47.4 0 690.2 1189.0 58 Salima Met 8.0 | | | | | _ | | | 3 |
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| Mbawa Res. Stn 31.0 16.5 188 734.2 781.6 94 Mzimba Met 2.5 23.5 11 549.1 862.3 64 Mzuzu Met. 13.6 89.2 15 931.7 965.4 97 NkhataBay Met. 32.4 133.0 24 1624.5 1215.9 134 Rumphi Boma 23.6 30.0 79 590.6 706.8 84 | | | | | | | | 4 |
| Mzimba Met 2.5 23.5 11 549.1 862.3 64 Mzuzu Met. 13.6 89.2 15 931.7 965.4 97 NkhataBay Met. 32.4 133.0 24 1624.5 1215.9 134 Rumphi Boma 23.6 30.0 79 590.6 706.8 84 | | | | | | | | 3 |
| Mzuzu Met. 13.6 89.2 15 931.7 965.4 97 NkhataBay Met. 32.4 133.0 24 1624.5 1215.9 134 Rumphi Boma 23.6 30.0 79 590.6 706.8 84 | | | | | | | | 2 |
| NkhataBay Met. 32.4 133.0 24 1624.5 1215.9 134 Rumphi Boma 23.6 30.0 79 590.6 706.8 84 | | | | | | | | 2 |
| Rumphi Boma 23.6 30.0 79 590.6 706.8 84 | | | | | | | | 3 |
| | | | | | | | | 3 |
| | | | | | | | | 1 |
| Vinthukutu Agric 21.3 112.7 19 1541.2 993.7 155 Zombwe Agric 32.0 36.0 89 705.0 716.9 98 | Vinthukutu Agric | 21.3 | 112.7 | 19 | 1541.2 | 993.7 | 155 | 2 |

TABLE 2: AGROMETEOROLOGICAL PARAMETERS FOR THE PERIOD 01 TO 10 APRIL 2013

| TEMP (**C) TEMP (**C) MAX (**C) MIN (**C) SPEED (m/s) MIN (**C) | | MAX | MIN | ABS | ABS | WIND | RH (%) | EVAP | | | | | | | | |
|--|---|-----------|-----------|-------------|----------|-------------|--------|------|--------|------|------|------|------|-----|----|-----|
| Chitipa 25.2 17.9 29.3 16.2 2.7 74 N/A | STATION | TEMP (°C) | TEMP (°C) | MAX (ºC) | MIN (°C) | SPEED (m/s) | | (mm) | | | | | | | | |
| Name | KARONGA ADD | | | | | | | | | | | | | | | |
| Bolero 29.7 15.8 31.0 12.0 N/A 89 N/A Mzuzu 25.3 15.1 27.0 12.6 1.0 81 N/A Mzimba 28.3 15.7 29.6 13.6 1.2 66 N/A Nkhata Bay 30.3 19.4 32.5 18.5 0.7 78 N/A Nkhata Bay 27.0 16.3 31.0 13.5 1.0 65 N/A Nkhata Bay 27.0 16.3 31.0 13.5 1.0 65 N/A Nkhata Bay 27.0 16.3 27.3 12.7 1.2 69 5.9 12.3 1.4 73 N/A Nkhata Bay 23.8 14.3 25.6 12.3 1.4 73 N/A Nkhotakota 23.8 14.3 25.6 12.3 1.4 73 N/A Nkhotakota 28.5 20.2 30.1 19.0 2.0 66 N/A Nkhotakota 28.5 20.2 30.1 19.0 2.0 66 N/A Nkhotakota 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Ndangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Ndangochi 31.5 33.1 31.4 31.5 33.1 31.4 31.5 33.1 31.4 31.5 33.1 31.4 31.5 33.1 31.4 31.5 33.1 31.4 31.5 33.1 31.1 31.1 31.0 37.0 3 | Chitipa | 25.2 | 17.9 | 29.3 | 16.2 | 2.7 | 74 | N/A | | | | | | | | |
| Bolero 29.7 15.8 31.0 12.0 N/A 89 N/A Mzuzu 25.3 15.1 27.0 12.6 1.0 81 N/A | Karonga | 29.8 | 21.0 | 30.5 | 19.6 | 0.9 | 76 | N/A | | | | | | | | |
| Mzuzu 25.3 15.1 27.0 12.6 1.0 81 N/A Mzimba 28.3 15.7 29.6 13.6 1.2 66 N/A Nkhata Bay 30.3 19.4 32.5 18.5 0.7 78 N/A LILONGWE ADD KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A Dedza 23.8 14.3 25.6 12.3 1.4 73 N/A SALIMA ADD SALIMA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi | MZUZU ADD | | | | | | | | | | | | | | | |
| Mzimba 28.3 15.7 29.6 13.6 1.2 66 N/A Nkhata Bay 30.3 19.4 32.5 18.5 0.7 78 N/A LiLongwe Add LiLongwe Add Lilongwe Add KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A Dedza 23.8 14.3 25.6 12.3 1.4 73 N/A SALIMA ADD SALIMA ADD Machinga ADD <td <="" colspan="8" td=""><td>Bolero</td><td>29.7</td><td>15.8</td><td>31.0</td><td>12.0</td><td>N/A</td><td>89</td><td>N/A</td></td> | <td>Bolero</td> <td>29.7</td> <td>15.8</td> <td>31.0</td> <td>12.0</td> <td>N/A</td> <td>89</td> <td>N/A</td> | | | | | | | | Bolero | 29.7 | 15.8 | 31.0 | 12.0 | N/A | 89 | N/A |
| Nkhata Bay 30.3 19.4 32.5 18.5 0.7 78 N/A LILONGWE ADD KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A SALIMA ADD SALIMA ADD SALIMA ADD MACHINGA ADD | Mzuzu | 25.3 | 15.1 | 27.0 | 12.6 | 1.0 | 81 | N/A | | | | | | | | |
| Kasungu 27.0 16.3 31.0 13.5 1.0 65 N/A LILLONGWE ADD KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A Dedza 23.8 14.3 25.6 12.3 1.4 73 N/A SALIMA ADD SALIMA ADD Salima 30.6 21.0 32.5 18.2 1.8 66 N/A Nkhotakota 28.5 20.2 30.1 19.0 2.0 66 N/A Nkhotakota 28.5 20.2 30.1 19.0 2.0 66 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Byumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Mzimba | 28.3 | 15.7 | 29.6 | 13.6 | 1.2 | 66 | N/A | | | | | | | | |
| LILONGWE ADD KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A SALIMA ADD SALIMA ADD SALIMA ADD MACHINGA ADD < | Nkhata Bay | 30.3 | 19.4 | 32.5 | 18.5 | 0.7 | 78 | N/A | | | | | | | | |
| LILONGWE ADD KIA 26.3 15.3 27.3 12.7 1.2 69 5.9 Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A SALIMA ADD SALIMA ADD SALIMA ADD MACHINGA ADD < | | | | | | | | | | | | | | | | |
| Name | Kasungu | 27.0 | 16.3 | 31.0 | 13.5 | 1.0 | 65 | N/A | | | | | | | | |
| Chitedze 27.3 15.3 28.6 13.3 0.6 74 N/A SALIMA ADD SALIMA ADD SALIMA ADD SALIMA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD Machinga 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 SHIRE VALLEY ADD | LILONGWE ADD | | | | | | | | | | | | | | | |
| Dedza 23.8 14.3 25.6 12.3 1.4 73 N/A | KIA | 26.3 | 15.3 | 27.3 | 12.7 | 1.2 | 69 | 5.9 | | | | | | | | |
| SALIMA ADD Salima 30.6 21.0 32.5 18.2 1.8 66 N/A MACHINGA ADD MACHINGA ADD MACHINGA ADD MACHINGA ADD Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A <th c<="" td=""><td>Chitedze</td><td>27.3</td><td>15.3</td><td>28.6</td><td>13.3</td><td>0.6</td><td>74</td><td>N/A</td></th> | <td>Chitedze</td> <td>27.3</td> <td>15.3</td> <td>28.6</td> <td>13.3</td> <td>0.6</td> <td>74</td> <td>N/A</td> | Chitedze | 27.3 | 15.3 | 28.6 | 13.3 | 0.6 | 74 | N/A | | | | | | | |
| Salima 30.6 21.0 32.5 18.2 1.8 66 N/A MACHINGA ADD MACHINGA ADD MACHINGA ADD Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Shumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A SHIRE VAL | Dedza | 23.8 | 14.3 | 25.6 | 12.3 | 1.4 | 73 | N/A | | | | | | | | |
| Nkhotakota 28.5 20.2 30.1 19.0 2.0 66 N/A MACHINGA ADD Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | | | | SALIMA ADE |) | | | | | | | | | | | |
| MACHINGA ADD Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Salima | 30.6 | 21.0 | 32.5 | 18.2 | 1.8 | 66 | N/A | | | | | | | | |
| Makoka 27.1 15.2 29.4 12.1 1.2 53 N/A Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Nkhotakota | 28.5 | 20.2 | 30.1 | 19.0 | 2.0 | 66 | N/A | | | | | | | | |
| Ntaja 29.3 19.0 31.6 17.0 1.3 63 N/A Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 SHIRE VALLEY ADD | | | M | ACHINGA AI | OD OC | | | | | | | | | | | |
| Mangochi 31.5 18.5 33.6 15.2 1.3 67 N/A Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 SHIRE VALLEY ADD | Makoka | 27.1 | 15.2 | 29.4 | 12.1 | 1.2 | 53 | N/A | | | | | | | | |
| Monkey Bay 31.4 21.0 33.2 18.6 1.7 61 N/A BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Ntaja | 29.3 | 19.0 | 31.6 | 17.0 | 1.3 | 63 | N/A | | | | | | | | |
| BLANTYRE ADD Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Mangochi | 31.5 | 18.5 | 33.6 | 15.2 | 1.3 | 67 | N/A | | | | | | | | |
| Chileka 28.2 18.2 31.3 14.9 0.3 63 N/A Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | Monkey Bay | 31.4 | 21.0 | 33.2 | 18.6 | 1.7 | 61 | N/A | | | | | | | | |
| Chichiri 26.3 17.0 29.5 13.1 1.4 61 N/A Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 | BLANTYRE ADD | | | | | | | | | | | | | | | |
| Bvumbwe 25.0 14.0 28.8 12.0 1.7 69 N/A Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 SHIRE VALLEY ADD | Chileka | 28.2 | 18.2 | 31.3 | 14.9 | 0.3 | 63 | N/A | | | | | | | | |
| Mimosa 29.9 16.5 33.1 13.1 1.0 70 4.8 SHIRE VALLEY ADD | Chichiri | 26.3 | 17.0 | 29.5 | 13.1 | 1.4 | 61 | N/A | | | | | | | | |
| SHIRE VALLEY ADD | Bvumbwe | 25.0 | 14.0 | 28.8 | 12.0 | 1.7 | 69 | N/A | | | | | | | | |
| | Mimosa | 29.9 | 16.5 | 33.1 | 13.1 | 1.0 | 70 | 4.8 | | | | | | | | |
| Ngabu 31.5 N/A 34.1 N/A 1.4 75 N/A | | | SHI | RE VALLEY A | NDD | | | | | | | | | | | |
| 1 | Ngabu | 31.5 | N/A | 34.1 | N/A | 1.4 | 75 | N/A | | | | | | | | |

Glossary of some terms on this table

- RH = Relative Humidity
- Mean Temperature of the day =(Max of the day + Min of the same day)/2
- ABS Max (Min) = Absolute Maximum (minimum) is the highest (lowest) of maximum (minimum) temperatures be beeved for a given number of days (calendar month) of a specified period of months (years).
- convert Meters Per Second (mps) to Kilometers per

hour (Km/hr) = mpsx3.6