SITE WEATHER · MAPUTO · FRIDAY 20 NOVEMBER

Heat stress: stop moderate work in the sun 10-13 h.

Rain 0 mm · 2% | Storms low | Heat 33 °C WBGT | Gusts 16 m/s

OUTDOOR LABOUR

Stop — **No window today**

08	09	10	11	12	14	15	16

Work/rest cycles 08-13 h, 14-17 h: at the peak, stop heavy and moderate work in the sun. Water every 20 min, shade for breaks.

WORK AT HEIGHT

Limited — **Go 08-13 h, 16-17 h**

08	09	10	11	12	14	15	16

Limited by wind. Clear roofs and scaffolds before storms.

CONCRETE POUR

Care — **Go with care**

08	09	10	11	12	14	15	16

Limited by fast drying. Pour with care: covers and curing ready.

Go NO WEATHER LIMITS

Asphalt & surfacing, Crane lifts, Painting & coatings, Earthworks.

Screening guidance from a forecast. Your contract, crane limits and site H&S plan come first.

gavacharles.github.io/kampala-heat-atlas/site-weather/maputo

By Gava Charles · Kampala Heat Atlas · forecast data Open-Meteo

SITE WEATHER · MAPUTO

The week on site

When each trade can go ahead, 08-17 h, lunch excluded

	Fri 20	Sat 21	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26
Outdoor labour	none	08-09	none	08-09 15-17	none	all day	all day
Concrete pour	none	08-11	none	08-10 16-17	none	08-09	08-12
Asphalt & surfacing	all day	all day	all day	all day	08-12	none	08-09
Crane lifts	all day	all day	all day	all day	08-12	08-09	all day
Work at height	08-13 16-17	all day	08-13 16-17	08-12	08-10	none	none
Painting & coatings	all day	all day	all day	all day	all day	all day	08-09 15-17
Earthworks	all day	all day	all day	all day	all day	all day	08-09 15-17
Rain	0 mm 2%	0 mm 4%	0 mm 8%	0 mm 41%	1 mm 57%	4 mm 57%	3 mm 45%
Storms	low	low	low	low	possible	possible	low

● go most of the day ● part of the day ● little or none

Times are go windows: 08-13 = from 08:00 until the lunch break; + = more windows that day.

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SITE WEATHER · HOW IT WORKS

How to read the cards

A daily weather check for contractors and site managers

STEP 01 · 1

The headline

The one thing to plan the day around. The key time is marked in yellow.

STEP 02 · 2

A card per trade

Problems first: Stop, Limited (go only in the hours shown), Care. Trades with no limits share one card.

STEP 03 · 3

Hour chips

8 working hours, 08:00-17:00, lunch excluded. Green go, amber care, red stop.

STEP 04 · 4

Heat uses WBGT

The standard for heat stress at work; it sets work/rest cycles.

STEP 05 · 5

Concrete and asphalt

Rain now or within three hours, wet surfaces, and drying fast enough to crack fresh concrete (ACI 305).

STEP 06 · 6

Cranes and painting

Gusts at 30 m hook height and storms; painting needs the surface 3 °C above dew point (ISO 8502-4).

STEP 07 · 7

Every day on record

Month by month against the 1991-2020 climate, for programme reviews and delay claims.

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