SITE WEATHER · DAR ES SALAAM · FRIDAY 20 NOVEMBER

Pour concrete 08-11 h; fast drying limits the rest of the day.

Rain 2 mm · 49% | Storms low | Heat 29 °C WBGT | Gusts 14 m/s

ASPHALT & SURFACING

Stop — **No window today**

08	09	10	11	12	14	15	16

Limited by rain or wet surface. No dry window: do not lay or spray.

OUTDOOR LABOUR

Limited — **Work/rest cycles**

08	09	10	11	12	14	15	16

Work/rest cycles 09-13 h, 14-17 h: at the peak, 45 min work / 15 min rest each hour. Water every 20 min, shade for breaks.

CONCRETE POUR

Limited — **Go 08-11 h**

08	09	10	11	12	14	15	16

Limited by fast drying. Curing cover and windbreaks ready.

WORK AT HEIGHT

Limited — **Go 08-12 h**

08	09	10	11	12	14	15	16

Limited by wind, rain. Clear roofs and scaffolds before storms.

PAINTING & COATINGS

Limited — **Go 09-12 h, 16-17 h**

08	09	10	11	12	14	15	16

Limited by rain, humidity or dew. Check the surface is 3 °C above dew point.

EARTHWORKS

Limited — **Go 08-13 h, 16-17 h**

08	09	10	11	12	14	15	16

Limited by rain. Protect formation and stockpiles.

Go — NO WEATHER LIMITS

Crane lifts.

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

gavacharles.github.io/kampala-heat-atlas/site-weather/dar-es-salaam

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

SITE WEATHER · DAR ES SALAAM

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	08-09	none	08-10	08-10 12-13+	08-10	none	none
Concrete pour	08-11	08-11	none	none	none	all day	all day
Asphalt & surfacing	none	08-13 14-15	none	none	none	08-10	none
Crane lifts	all day	all day	16-17	08-10 14-15	08-11	all day	all day
Work at height	08-12	08-13 14-15	none	none	10-11	08-13 16-17	all day
Painting & coatings	09-12 16-17	all day	none	none	none	09-12	11-13 14-17
Earthworks	08-13 16-17	all day	08-11	none	none	08-13 16-17	all day
Rain	2 mm 49%	0 mm 34%	5 mm 84%	10 mm 96%	7 mm 73%	2 mm 45%	1 mm 43%
Storms	low	low	likely	likely	possible	low	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.

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

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