SITE WEATHER · LUSAKA · FRIDAY 20 NOVEMBER

Storms likely from 16:00: finish lifts, roof and asphalt work before then.

Rain 4 mm · 80% | Storms likely from 16:00 | Heat 27 °C WBGT | Gusts 10 m/s

CONCRETE POUR

Limited — Go 08-13 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Limited	Stop	Stop

Limited by rain, storms. Keep covers ready outside this window.

ASPHALT & SURFACING

Limited — Go 08-13 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Stop	Stop	Stop

Limited by rain or wet surface, storms. Never lay or spray on a wet surface.

CRANE LIFTS

Limited — Go 08-13 h, 14-15 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Go	Limited	Stop

Limited by storms. Check the anemometer before each lift.

WORK AT HEIGHT

Limited — Go 08-13 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Stop	Stop	Stop

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

PAINTING & COATINGS

Limited — Go 08-13 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Stop	Stop	Stop

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

EARTHWORKS

Limited — Go 08-13 h, 14-15 h

08	09	10	11	12	14	15	16
Go	Go	Go	Go	Go	Stop	Stop	Limited

Limited by rain. Protect formation and stockpiles.

NO WEATHER LIMITS

Go

Outdoor labour.

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

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

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

SITE WEATHER · LUSAKA

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	all day	all day	all day	all day	all day	all day	all day
Concrete pour	08-13	08-10	08-10	08-12	08-09	08-10 12-13	none
Asphalt & surfacing	08-13	08-09	08-13	none	all day	08-12	none
Crane lifts	08-13 14-15	08-13	all day	08-13 14-16	all day	all day	08-11
Work at height	08-13	08-10 11-13	08-13 14-15+	09-13 14-15	all day	08-13 14-15	09-11
Painting & coatings	08-13	08-10 11-13	08-13 14-15	09-13 14-15	all day	08-13 14-15	10-11
Earthworks	08-13 14-15	all day	none	08-13 14-15	all day	08-13 14-15	none
Rain	4 mm 80%	6 mm 82%	0 mm 61%	2 mm 59%	0 mm 47%	4 mm 63%	25 mm 84%
Storms	likely	possible	possible	possible	low	possible	likely

● 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.

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

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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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