SITE WEATHER · NAIROBI · FRIDAY 20 NOVEMBER

Storms likely from 15:00: finish lifts, roof and asphalt work before then.

Rain 13 mm · 100% | Storms likely from 15:00 | Heat 23 °C WBGT | Gusts 13 m/s

CONCRETE POUR

Stop — **No window today**

08 09 10 11 12 14 15 16

Limited by rain, storms. No pour window: postpone, or pour under cover.

ASPHALT & SURFACING

Stop — **No window today**

08 09 10 11 12 14 15 16

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

WORK AT HEIGHT

Stop — **No window today**

08 09 10 11 12 14 15 16

Limited by rain, storms. Keep off roofs and scaffolds.

PAINTING & COATINGS

Stop — **No window today**

08 09 10 11 12 14 15 16

Limited by rain, humidity or dew. Too humid or wet for painting and coatings.

EARTHWORKS

Stop — **No window today**

08 09 10 11 12 14 15 16

Limited by wet ground, rain. Ground too wet: protect formation, keep plant off soft ground. Ground wet after 14 mm in 24 h.

CRANE LIFTS

Limited — **Go 08-13 h, 14-15 h**

08 09 10 11 12 14 15 16

Limited by storms. Check the anemometer before each lift.

Go NO WEATHER LIMITS

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/nairobi

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

SITE WEATHER · NAIROBI

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	none	none	none	none	none	08-09 15-16	08-12
Asphalt & surfacing	none	none	none	none	none	none	none
Crane lifts	08-13 14-15	08-13 15-17	all day	08-13 15-17	08-13 14-15+	all day	08-13
Work at height	none	08-09 11-12	09-10 15-17	none	none	08-10 14-17	08-10
Painting & coatings	none	none	none	none	none	15-17	none
Earthworks	none	none	none	none	none	none	08-10
Rain	13 mm 100%	9 mm 98%	12 mm 100%	18 mm 100%	8 mm 78%	3 mm 61%	6 mm 75%
Storms	likely	likely	low	likely	possible	low	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.

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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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