SITE WEATHER · LAGOS · FRIDAY 20 NOVEMBER

Storms likely from 14:00: finish lifts, roof and asphalt work before then.

Rain 6 mm · 99% | Storms likely from 14:00 | Heat 30 °C WBGT | Gusts 9 m/s

CONCRETE POUR

Stop **No window today**

08 09 10 11 12 14 15 16

Limited by rain, storms. No pour window:

ASPHALT & SURFACING

Stop **No window today**

08 09 10 11 12 14 15 16

Limited by rain or wet surface, storms. No dry

PAINTING & COATINGS

Stop **No window today**

08 09 10 11 12 14 15 16

Limited by rain, humidity or dew. Too humid or

CRANE LIFTS

Limited **Go 08-10 h**

08 09 10 11 12 14 15 16

Limited by storms. Check the anemometer

WORK AT HEIGHT

Limited **Go 08-10 h**

08 09 10 11 12 14 15 16

Limited by storms, rain. Clear roofs and

EARTHWORKS

Limited **Go 08-13 h**

08 09 10 11 12 14 15 16

Limited by rain. Protect formation and

OUTDOOR LABOUR

Care **Work/rest cycles**

08 09 10 11 12 14 15 16

Work/rest cycles 08-13 h, 14-17 h: at the peak,

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

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

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

SITE WEATHER · LAGOS

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	08-09 12-13	08-09	08-09	none	08-09
Concrete pour	none	08-10	08-10	08-10	08-12	08-10	08-12
Asphalt & surfacing	none	none	none	08-10	08-12	none	none
Crane lifts	08-10	08-12	08-12	08-12	08-13	08-12	08-13
Work at height	08-10	08-11	10-12	08-10 11-12	08-13	08-12	none
Painting & coatings	none	none	none	11-12	11-13	none	none
Earthworks	08-13	14-15	09-12	12-13 14-17	all day	all day	14-17
Rain	6 mm 99%	2 mm 96%	6 mm 94%	0 mm 76%	0 mm 65%	1 mm 94%	3 mm 64%
Storms	likely	likely	likely	possible	possible	possible	possible

● 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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