SITE WEATHER · KIGALI · FRIDAY 20 NOVEMBER

Wet day (4 mm): no concrete or asphalt window.

Rain 4 mm · 84% | Storms possible from 11:00 | Heat 26 °C WBGT | Gusts 10 m/s

CONCRETE POUR

Stop **No window today**

07 08 09 10 11 13 14 15 16

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

ASPHALT & SURFACING

Stop **No window today**

07 08 09 10 11 13 14 15 16

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

PAINTING & COATINGS

Stop **No window today**

07 08 09 10 11 13 14 15 16

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

CRANE LIFTS

Limited **Go 07-11 h**

07 08 09 10 11 13 14 15 16

Limited by storms. Check the anemometer before each lift.

WORK AT HEIGHT

Limited **Go 10-11 h**

07 08 09 10 11 13 14 15 16

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

EARTHWORKS

Limited **Go 13-16 h**

07 08 09 10 11 13 14 15 16

Limited by wet ground, rain. Protect formation and stockpiles. Ground wet after 6 mm in 24 h.

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/kigali

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

SITE WEATHER · KIGALI

The week on site

When each trade can go ahead, 07-17 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	07-10	none	07-08	07-12	07-12 13-14
Asphalt & surfacing	none	none	07-10	none	07-08	07-09	07-12 13-14
Crane lifts	07-11	09-11	07-12	08-12	07-10	07-12 13-14	07-12 13-16
Work at height	10-11	none	07-12	10-12	07-09	07-12 13-14	07-12 13-15
Painting & coatings	none	none	09-12	none	none	10-12 13-14	11-12 13-15
Earthworks	13-16	07-09 11-12	09-12	14-15	07-12	07-12 13-15	07-12 13-15
Rain	4 mm 84%	6 mm 84%	7 mm 92%	4 mm 90%	4 mm 96%	3 mm 96%	3 mm 96%
Storms	possible	likely	likely	likely	likely	likely	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

9 working hours, 07:00-17:00, 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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