SITE WEATHER · ABIDJAN · FRIDAY 20 NOVEMBER

Storms possible from 14:00: do exposed work in the morning.

Rain 1 mm · 100% | Storms possible from 14:00 | Heat 30 °C WBGT | Gusts 10 m/s

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, 15 min work / 45 min rest. Water every 20 min, shade for breaks.

CONCRETE POUR

Limited **Go 08-11 h**

08	09	10	11	12	14	15	16

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

ASPHALT & SURFACING

Limited **Go 08-11 h**

08	09	10	11	12	14	15	16

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

CRANE LIFTS

Limited **Go 08-13 h**

08	09	10	11	12	14	15	16

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

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

PAINTING & COATINGS

Limited **Go 09-13 h**

08	09	10	11	12	14	15	16

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

Go NO WEATHER LIMITS

Earthworks.

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

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

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

SITE WEATHER · ABIDJAN

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	16-17	08-09	08-09 16-17	none	08-09	none
Concrete pour	08-11	08-11	08-10	08-10	08-10	08-09	08-11
Asphalt & surfacing	08-11	08-09	none	08-10	08-10	none	none
Crane lifts	08-13	08-13	08-12	08-12	08-12	08-11	08-13
Work at height	08-13	08-10	09-11	08-12	08-10	08-10	08-13
Painting & coatings	09-13	none	10-11	09-12	09-10	none	10-13
Earthworks	all day	08-11 12-13	09-13 15-17	08-13 16-17	08-13 16-17	08-13 16-17	08-13
Rain	1 mm 100%	5 mm 100%	3 mm 96%	3 mm 92%	3 mm 84%	2 mm 98%	4 mm 100%
Storms	possible	likely	likely	likely	likely	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.

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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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