SITE WEATHER · ACCRA · FRIDAY 20 NOVEMBER

Storms possible from 12:00: do exposed work in the morning.

Rain 0 mm · 98% | Storms possible from 12:00 | Heat 30 °C WBGT | Gusts 11 m/s

ASPHALT & SURFACING

Stop **No window today**

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

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

CONCRETE POUR

Limited **Go 08-10 h**

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

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

CRANE LIFTS

Limited **Go 08-12 h**

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

Limited by storms. Check the anemometer before each lift.

WORK AT HEIGHT

Limited **Go 08-09 h, 10-12 h**

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

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

PAINTING & COATINGS

Limited **Go 10-12 h**

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

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

OUTDOOR LABOUR

Care **Work/rest cycles**

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

Work/rest cycles 08-13 h, 14-17 h: at the peak, 15 min work / 45 min rest. Water every 20 min, shade for breaks.

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/accra

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

SITE WEATHER · ACCRA

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	16-17	08-09	08-09 16-17	none	none	none
Concrete pour	08-10	08-10	08-10	08-12	08-12	08-12	08-13
Asphalt & surfacing	none	08-10	08-09	08-12	08-10	08-10	none
Crane lifts	08-12	08-12	08-13	08-13	08-13	08-13	08-13 14-16
Work at height	08-09 10-12	08-11	08-10 12-13	08-13	08-10	08-10	08-13
Painting & coatings	10-12	09-11	09-10 12-13	09-13	09-10	none	10-13
Earthworks	all day	08-13 14-15+	08-10 12-13+	08-13	16-17	08-10 16-17	08-13
Rain	0 mm 98%	4 mm 96%	3 mm 95%	7 mm 92%	2 mm 75%	3 mm 80%	3 mm 78%
Storms	possible	likely	likely	likely	possible	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

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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