

# Gojira Video Rollout: 10 Open-Weight Video Models on DGX Spark

Mission Control committee review covering the first public Gojira video rollout on the Yeti Claw VRRP surface. The report documents the published catalog, the rollout blockers we hit on Spark, the fixes that landed, and the first validated King Kong / Yeti / Gojira action clip.

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## Executive Summary

**10 video models are now published under Gojira.** The catalog is evenly split between **5 text-to-video** and **5 image-to-video** lanes.

**Wan 2.1 T2V 1.3B is the first fully validated production lane.** It produced a hosted **832×480** MP4 at **16 fps** with **81 frames** and a **5.06 second** runtime clip.

**The real blockers were operational, not model-quality related.** We hit three rollout issues in order: cold-start timeout during model hydration, stdout pollution from progress bars, and a missing OpenCV export dependency.

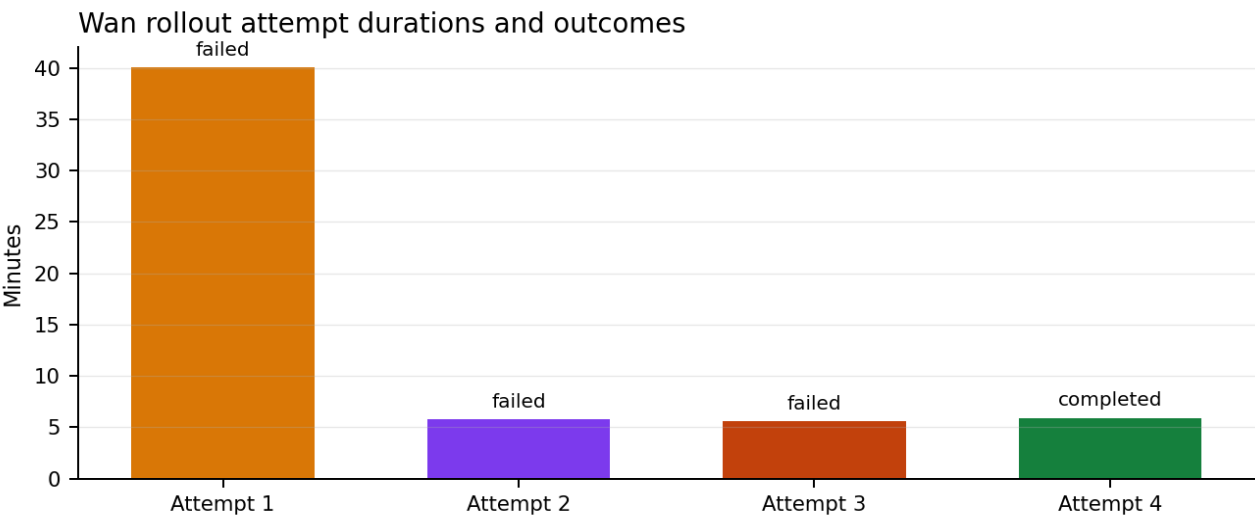
**Observed Spark peak during the validated render: 96% GPU utilization, 77C, and 83.76W.** Once the job finished, the GPU returned cleanly to idle.

## Committee Read

- The Gojira video path is now live and queue-backed on the public surface, not just a hidden backend capability.
- The first validated lane is Wan 2.1 T2V 1.3B. It can be used as the reference path for further video QA and public review.
- Remaining catalog warm-up should continue in the background so later models do not repeat the first-run cold hydration penalty.
- The rollout demonstrates that public video generation on Spark is viable, but only if queueing, long runtime budgets, and explicit dependency management are treated as first-class operational concerns.

# Rollout Sequence

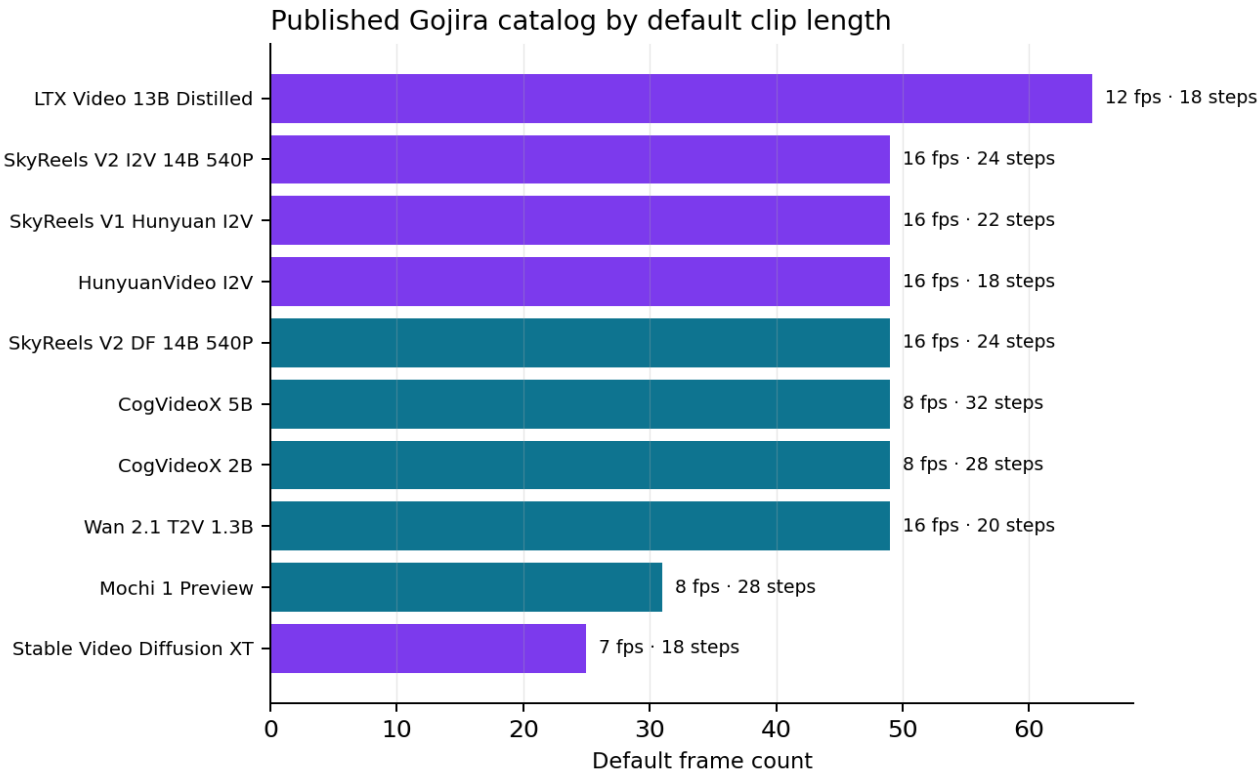
The same Wan action prompt was run four times through the public queue. Each attempt isolated a real production issue, and the final attempt succeeded after all three fixes were in place.



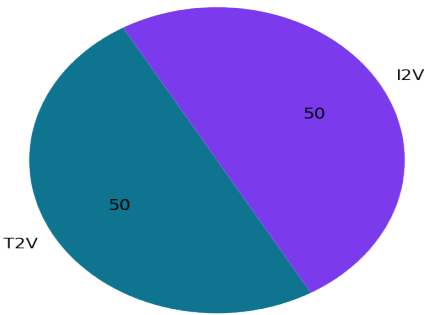
Attempt	Status	Latency	Observed blocker	Fix applied
1	failed	40.02 min	Cold-start model hydration exceeded the original SPARK runtime timeout	Raised SPARK runtime timeout to 7200000 and cold-started the model
2	failed	5.75 min	Diffusers progress output polluted stdout and blocked the JSON handler from receiving output	Placed the JSON handler back to its original location
3	failed	5.56 min	The Spark video runtime finished inference but did not open up the MP4 headless Open Spark missing	Installed openpyxl MP4 headless Open Spark missing
4	completed	5.91 min		Validated hosted render, downloaded the MP4 locally, and left

# Published Catalog

The Gojira catalog currently exposes ten self-hosted open-weight video models under Spark. Five are prompt-only text-to-video lanes. Five require a keyframe and run as image-to-video lanes.



Task mix in the published video catalog

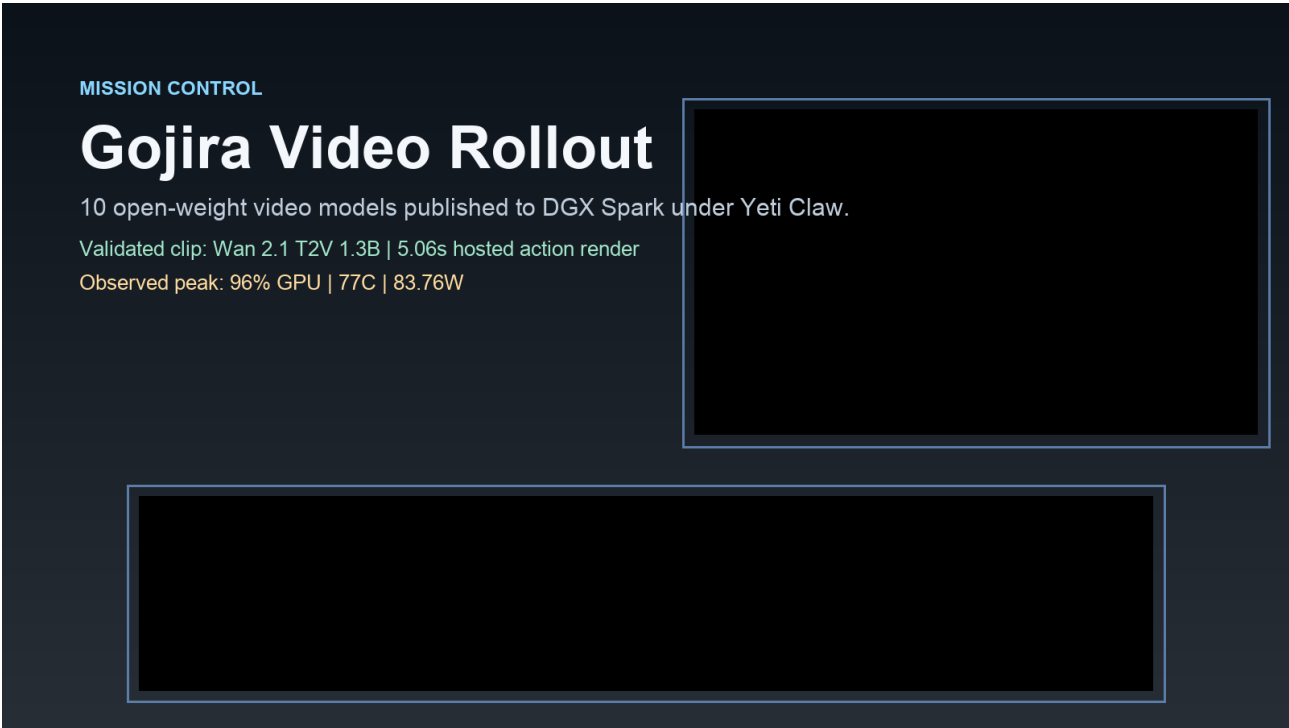


Label	Task	Family	Keyframe	Frames	FPS	Steps
Wan 2.1 T2V 1.3B	T2V	wan-t2v	no	49	16	20
CogVideoX 2B	T2V	cogvideox-t2v	no	49	8	28
CogVideoX 5B	T2V	cogvideox-t2v	no	49	8	32
Mochi 1 Preview	T2V	mochi-t2v	no	31	8	28
SkyReels V2 DF 14B 540P	T2V	skyreels-v2-df-t2v	no	49	16	24
LTX Video 13B Distilled	I2V	ltx-i2v	required	65	12	18
HunyuanVideo I2V	I2V	hunyuan-i2v	required	49	16	18

SkyReels V1 Hunyuan I2V	I2V	skyreels-v1-i2v	required	49	16	22
SkyReels V2 I2V 14B 540P	I2V	skyreels-v2-i2v	required	49	16	24
Stable Video Diffusion XT	I2V	stable-video-diffusion-i2v	required	25	7	18

# Validated Render

The first completed public clip uses the action theme requested for the rollout: King Kong, Yeti, and Gojira in a ruined city with smoke, debris, lightning, and a handheld push-in.



Field	Value
Validated model	hfvideo::Wan-AI/Wan2.1-T2V-1.3B-Diffusers
Public job id	a2221339-937c-471b-9413-2fa331c41e75
Latency	354.84 s
Clip duration	5.06 s
Resolution	832x480
Frames / FPS	81 / 16/1
Codec	mpeg4
Hosted asset	/assets/9afb4e6e5fcd40e98318d89425a625a2

Bundle contents: committee PDF, summary JSON, hosted render metadata, MP4 review clip, thumbnail, frame strip, and the published 10-model catalog manifest.