"Cyclone Babies": Maternal Accounts of Pregnancy During Severe Cyclone Events in Queensland, Australia.

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Themes	Maternal Experiences	
Drivers of risk perception	 Looking out for others / others looking out for them Familiarity with cyclones 	"A ar mo
	 Being pregnant in the lead up, during and after a cyclone Convergence of experiences 	
	 Navigating emergency protocols 	т ус
Awareness and evaluation of cyclone risk	Social media, internet & appsNews, television & radio	".
communication	VisualWord of mouthSensationalisation	(
	Other information sources	
Maternal appraisal of cyclone events	 Introspection and feelings Awareness of experience and recollection of events Gratitude and perspective 	"I kr
	Acknowledgements	
 We would like to thank all the mothers that shared their storie without their contributions this research would not be possible 		
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Quotes

"And so we're rushing around to get food and make sure that we've got formula...to make sure that we've got enough food and nappies...when it's just adults you just go, 'We'll eat bread or fruit,' whatever."

"I guess my family's probably definitely more easy-going people and more typical, you know, Aussie people, you know, 'She'll be right' and all of that."

"...probably the local radio station or local news from the BoM. I'm not actually big on social media and certainly wasn't back then either."

> "You know, when you listen to the news, they tend to sensationalise a lot of stuff. So we didn't even listen to the news."

"I was an SES volunteer and knowing that I couldn't help my mates made me feel helpless."

"I was petrified of going into labor during the cyclone...I did have difficulties with no power and no air con as my clothes didn't fit - I wore my husband's boxers. My work had limited staff on hand and didn't ask me to work until the power was on due to my pregnancy."

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References

1. Haugen, A.C., et al., Evolution of DOHaD: the impact of environmental health sciences. Journal of Developmental Origins of Health and Disease, 2015. 6(2): p. 55-64.

2. Jeffers, N.K. and N. Glass, Integrative review of pregnancy and birth outcomes after exposure to a hurricane. Journal of Obstetric, Gynecologic & Neonatal Nursing, 2020.

3. McLean, M.A., et al., Disaster-related prenatal maternal stress, and childhood HPA-axis regulation and anxiety: The QF2011 Queensland Flood Study. Psychoneuroendocrinology, 2020. 118: p. 104716.

4. Parayiwa, C. and A.M. Behie, Effects of prenatal maternal stress on birth outcomes following tropical cyclone Yasi in Queensland, Australia (2011). International Journal of Disaster Risk Reduction, 2018.

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