

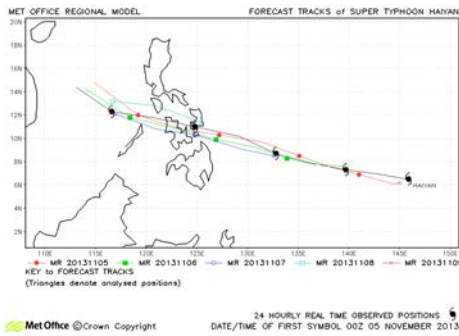

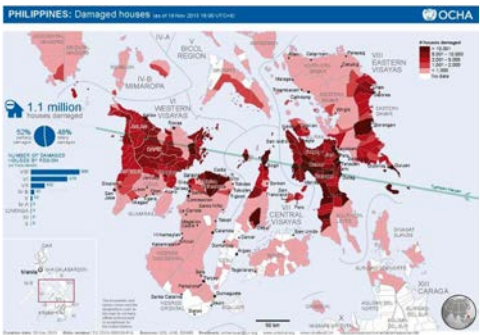
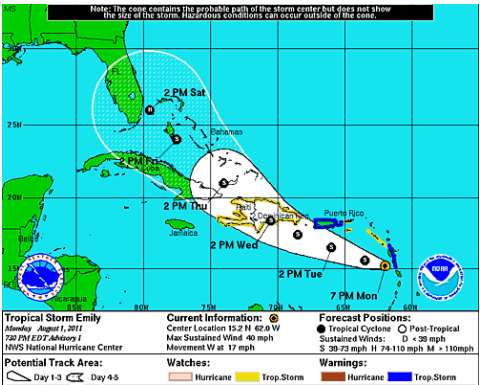




# Attribution des contenus médiatiques

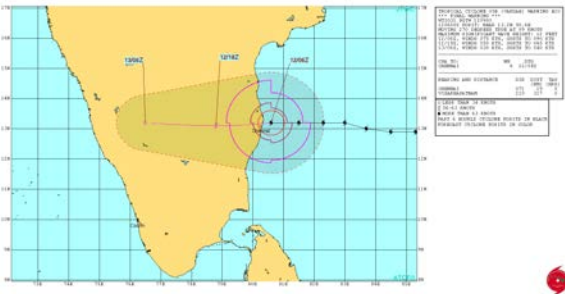

## Introduction aux services de prévision et d'alerte axées sur les impacts

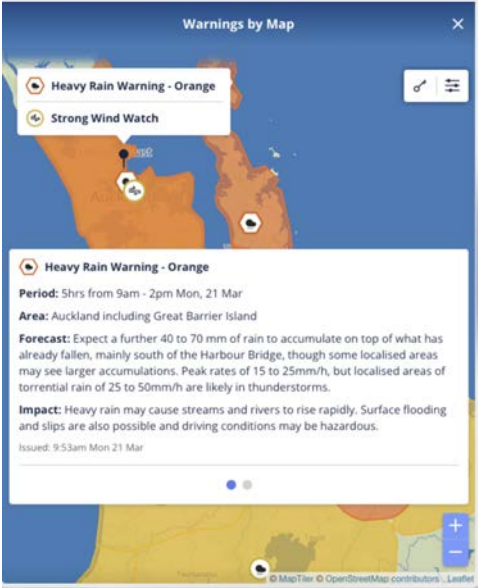

#	Image	Titre/Dossier	Auteur/Source	Source	Licence/Autorisation
<b>Module 1: Fundamentals of IBFWS</b>					
1.		960px-Basey_after_Yoland a.JPG	Credit: By Lawrence Ruiz,	<a href="https://en.wikipedia.org/wiki/Typhoon_Haiyan#/media/File:Basey_after_Yolanda.JPG">https://en.wikipedia.org/wiki/Typhoon_Haiyan#/media/File:Basey_after_Yolanda.JPG</a>	CC BY-SA 4.0, <a href="https://commons.wikimedia.org/w/index.php?curid=43911464">https://commons.wikimedia.org/w/index.php?curid=43911464</a>

2.		1620px- Philippine_island_of _Binluanguan_Foll owing_Typhoon_Hai yan_MOD_4515647 2.jpg	LPHOT Keith Morgan,	<a href="https://commons.wikimedia.org/w/index.php?curid=30512881">https://commons.wi kimedia.org/w/inde x.php?curid=30512 881</a>	Images are downloadable at high resolution, made available at <a href="http://www.defenceimagery.mod.uk">http://www.defenc eimagery.mod.uk</a> for reuse under the OGL (Open Government License).
3.	 <p>MET OFFICE REGIONAL MODEL FORECAST TRACKS of SUPER TYPHOON HAIYAN</p> <p>KEY to FORECAST TRACKS (Triangles denote analysed positions)</p> <p>24 HOURLY REAL TIME OBSERVED POSITIONS DATE/TIME OF FIRST SYMBOL 00Z 05 NOVEMBER 2013</p> <p>Met Office ©Crown Copyright</p>	Haiyan-forecast- UKMet.gif	UK Met Office	UK Met Office	Permission granted
4.		1080px- Tacloban_Typhoon_ Haiyan_2013-11- 13.jpg	Trocaire, Ireland DSC_0749,	<a href="https://commons.wikimedia.org/w/index.php?curid=29660396">https://commons.wi kimedia.org/w/inde x.php?curid=29660 396</a>	<a href="https://creativecommons.org/licenses/by-nc/2.0/">https://creativeco mmons.org/licens es/by-nc/2.0/</a>


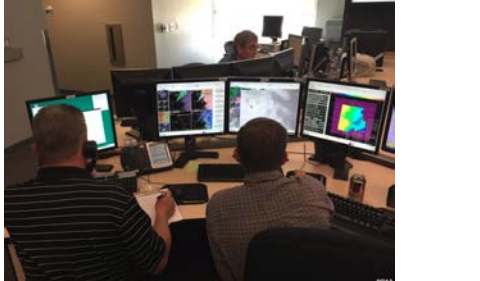

<p>5.</p>		<p>ReliefNet_Map_of_Damaged_houses_Typhoon_Haiyan.pdf</p>	<p>ReliefWeb, UN Office for the Coordination of Humanitarian Affairs - See more at: <a href="http://reliefweb.int/map/philippines/philippines-damaged-houses-18-nov-2013-1800-utc8#sthash.cEfqVP84.dpuf">http://reliefweb.int/map/philippines/philippines-damaged-houses-18-nov-2013-1800-utc8#sthash.cEfqVP84.dpuf</a></p>	<p><a href="https://en.wikipedia.org/wiki/File:Relief_Net_Map_of_Damaged_houses_Typhoon_Haiyan.pdf">https://en.wikipedia.org/wiki/File:Relief_Net_Map_of_Damaged_houses_Typhoon_Haiyan.pdf</a></p>	<p>Public Domain</p>
<p>6.</p>		<p>Emily2011path233014W5_NL_sm.gif</p>	<p>NOAA/NWS</p>	<p><a href="https://www.nhc.noaa.gov/archive/2011/graphics/al05/loop_5W.shtml">https://www.nhc.noaa.gov/archive/2011/graphics/al05/loop_5W.shtml</a></p>	<p>Public domain</p>


7.		<p>Father Carries Daughter to Safety</p> <p>Country Haiti, Port-au-Prince</p> <p>UN_DAM/Haiti - Jeanne storm/2022Feb02 - Library - 0bf.jpg/UN7686194 _0bf_Standard.jpg</p>	<p>UN Photo/Logan Abassi</p>	<p>Unique Identifier UN7686194</p> <p><a href="https://dam.media.un.org/">https://dam.media.un.org/</a></p>	<p><a href="https://shop.un.org/rights-permissions">https://shop.un.org/rights-permissions</a></p>
8.		<p>Headline: MINUSTAH Peacekeepers Assist Flood Victims in Haiti</p> <p>UN_DAM/Haiti - Jeanne storm/2022Feb02 - Library - 0c0.jpg/UN7686195 _0c0_Low_Resolution.jpg</p>	<p>UN Photo/Logan Abassi</p>	<p>Unique Identifier: UN7686195</p> <p><a href="https://dam.media.un.org/">https://dam.media.un.org/</a></p>	<p><a href="https://shop.un.org/rights-permissions">https://shop.un.org/rights-permissions</a></p>

9.		JTWC_io0516.gif	Joint Typhoon Warning Center, US Navy	<a href="https://upload.wikimedia.org/wikipedia/commons/d/d8/JTWC_io0516.gif">https://upload.wikimedia.org/wikipedia/commons/d/d8/JTWC_io0516.gif</a>	public domain
10.		Meteorologist at Indonesia Meteorological and Geophysical Agency, BMKG	WMO	<a href="https://flic.kr/p/EP4xxU">https://flic.kr/p/EP4xxU</a>	<a href="https://creativecommons.org/licenses/by-nc-nd/2.0/">https://creativecommons.org/licenses/by-nc-nd/2.0/</a>


<p>11.</p>		<p>heavyrain-impact- mobile- NZMetSvc21Mar20 22.png</p>	<p>NZ MetService</p>	<p>Warnings &amp; Watches page, Meteorological Service of New Zealand, <a href="https://www.metservice.com/warnings/home">https://www.metservice.com/warnings/home</a></p>	
<p>12.</p>		<p>pexels-photo- 6754173.jpeg</p>	<p>Photo by <a href="#">Pavel Danilyuk</a></p>	<p>from <a href="#">Pexels</a></p>	<p><a href="https://www.pexels.com/license/">https://www.pexels.com/license/</a> Free to use</p>



13.		nws_radio.meted.jpg	NOAA/NWS St. Louis, MO	<a href="https://www.meted.ucar.edu">https://www.meted.ucar.edu</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>
14.		Forecaster_work.jpg	NOAA	<a href="https://www.meted.ucar.edu/">https://www.meted.ucar.edu/</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>
15.		5545703979_732654fb1c_h.jpg	Photo by Khalfan Said, U.S. Embassy, Tanzania	<a href="https://flic.kr/p/9s4bzR">https://flic.kr/p/9s4bzR</a>	<a href="https://creativecommons.org/licenses/by/2.0/">https://creativecommons.org/licenses/by/2.0/</a>



16.		51102011688_c576512e48_b.jpg	UNDP Climate	<a href="https://flic.kr/p/2kRH3">https://flic.kr/p/2kRH3</a>	<a href="https://creativecommons.org/licenses/by-nc/2.0/">https://creativecommons.org/licenses/by-nc/2.0/</a>
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**Module 2: Roadmap to the IBFWS Paradigm**

17.		Super_Typhoon_Surigae_near_the_Philippines_-_April_19th,_2021_(51126373195).jpg	Pierre Markuse	<a href="https://flickr.com/photos/24998770@N07/51126373195">https://flickr.com/photos/24998770@N07/51126373195</a>	<a href="https://creativecommons.org/licenses/by/2.0/deed.en">https://creativecommons.org/licenses/by/2.0/deed.en</a>
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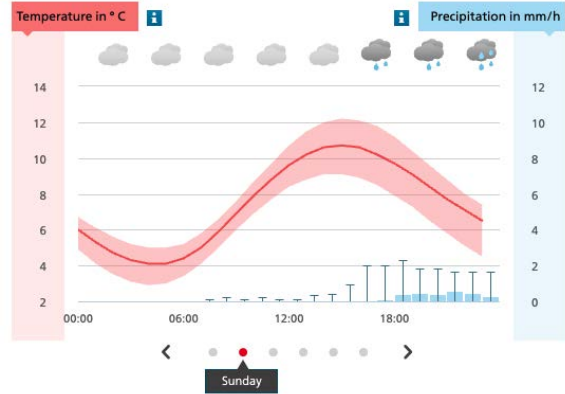
18.		10695722693_9dd99835f2_c.jpg	AusAID	<a href="https://flic.kr/p/hi9nHX">https://flic.kr/p/hi9nHX</a>	<a href="https://creativecommons.org/licenses/by/2.0/">https://creativecommons.org/licenses/by/2.0/</a>
19.	 <p data-bbox="449 1133 625 1156">Photo by Lon Goldstein</p>	House by creek	Lon Goldstein		<a href="https://creativecommons.org/licenses/by-nd/2.0/">https://creativecommons.org/licenses/by-nd/2.0/</a>

20.		Hurricane-katrina-port-sulphur-la-4-14-06-this-is-a-post-mitigated-home-that-bba139.jpg	Marvin Nauman/FEMA	<a href="https://nara.getarchive.net/media/hurricane-katrina-port-sulphur-la-4-14-06-this-is-a-post-mitigated-home-that-bba139">https://nara.getarchive.net/media/hurricane-katrina-port-sulphur-la-4-14-06-this-is-a-post-mitigated-home-that-bba139</a>	Public domain - FEMA
21.		House 2.jpg House at ground level	Adanna Robertson-Quimby	<a href="https://creativecommons.org/licenses/by-nd/2.0/">https://creativecommons.org/licenses/by-nd/2.0/</a>	

22.		3883928876_efccf3e42f_o.jpg	Max Barners	<a href="https://flic.kr/p/6Vd9JY">https://flic.kr/p/6Vd9JY</a>	<a href="https://creativecommons.org/licenses/by-nd/2.0/">https://creativecommons.org/licenses/by-nd/2.0/</a>
23.	<p>Hurricane Intensity Scale (Wind Damage)</p>  <p>Category 1: 74 - 95 mph Category 2: 96 - 110 mph Category 3: 111 - 129 mph Category 4: 121 - 154 mph Category 5: 155+ mph</p> <p>Wind speed   33-42 m/s<sup>1</sup>   43-49 m/s<sup>2</sup>   50-58 m/s<sup>3</sup>   55-69 m/s<sup>4</sup>   70+ m/s<sup>5</sup></p> <p>©The COMET Program</p>	Video and stills	COMET/UCAR	<a href="https://www.youtube.com/watch?v=W3ghU4e2OKY">https://www.youtube.com/watch?v=W3ghU4e2OKY</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>

24.

**Genève** 381 m a. sea level  
Sunday, 13 March 2022



MeteoSuisse-prob-  
fcst11Mar2022.png

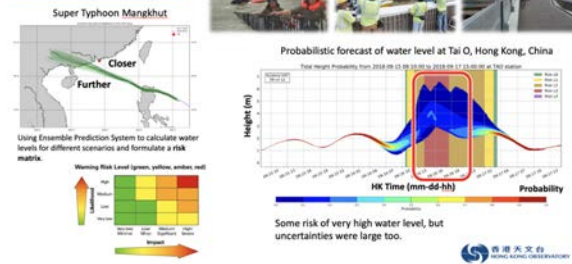
MeteoSwiss

<https://www.meteoswiss.admin.ch/home.html>

Courtesy  
MétéoSuisse

25.

**Risk-based storm surge  
forecast**

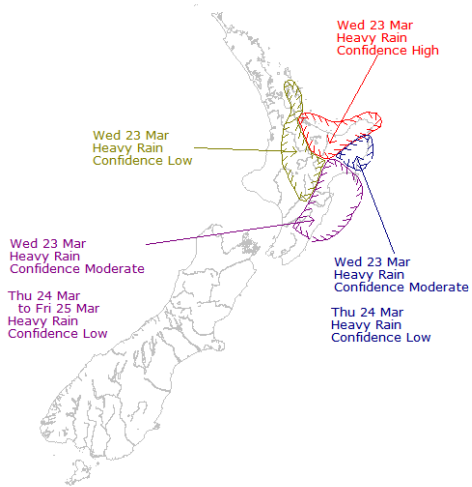


Module3\_Q2Q3KKH  
1803.pptx

Courtesy Hong  
Kong Observatory

26.

Valid Wed 23-Mar-2022 through Sat 26-Mar-2022



Issued 04:27 pm 21-Mar-2022

© Meteorological Service of New Zealand Ltd

HeavyRainProbMap  
\_NZMetSvc21Mar2  
022.png

NZ MetService  
Warnings &  
Watches page,  
Meteorological  
Service of New  
Zealand,  
<https://www.metservice.com/warnings/home>

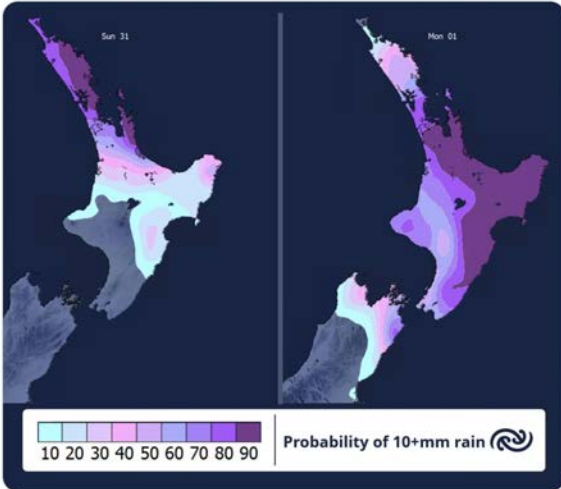
Courtesy  
Meteorological  
Service of New  
Zealand

27.

← Tweet



Across the North Island, most places are likely to see some rain from Sunday. Eastern areas have the highest probability, especially on Monday, with the upper South Island also getting a taste to close out the long weekend. Check out the outlook at [bit.ly/SWOutlook](https://bit.ly/SWOutlook) ^Tahlia



9:10 PM · May 28, 2020 · TweetDeck

3 Retweets 5 Likes

Tweet-ProbFcst-  
NZMetSvc28May20  
20.png

NZ MetService  
Warnings &  
Watches page,  
Meteorological  
Service of New  
Zealand,  
<https://www.metservice.com/warnings/home>

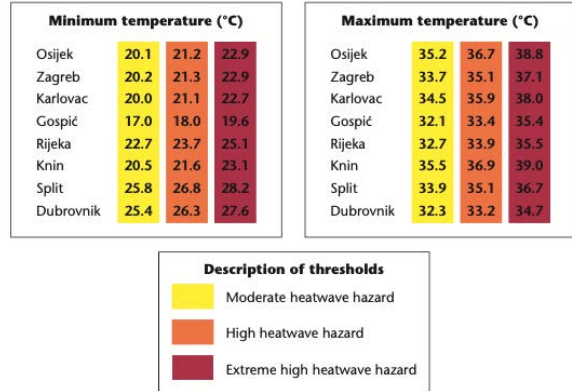
Courtesy  
Meteorological  
Service of New  
Zealand



28.

**Example of spatial variation in thresholds from the Meteorological and Hydrological Service of Croatia**

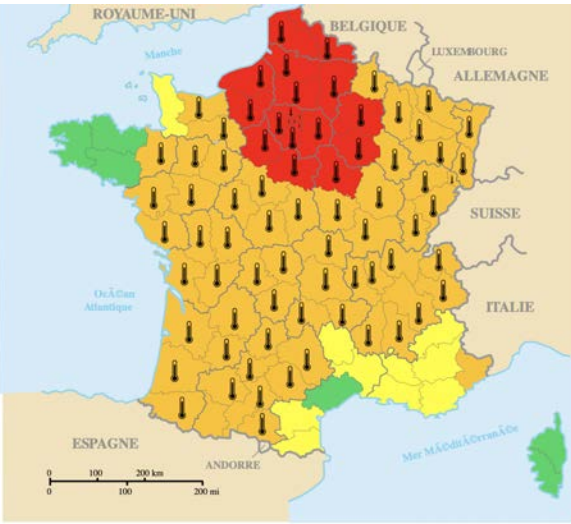
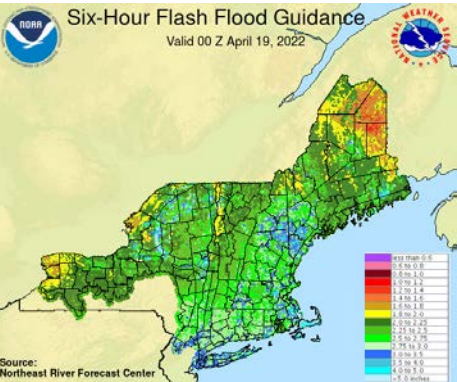
Temperature thresholds for the heatwave hazard for eight towns in Croatia





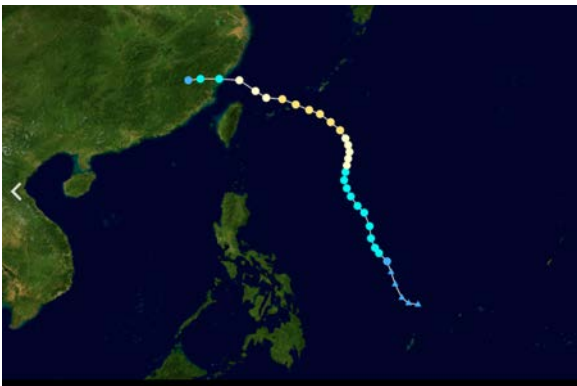
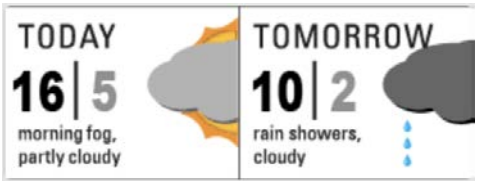

Croatia\_thresholds\_ example\_wmo\_115 0\_pt1.png



WMO

Guidelines on Multi-hazard Impact-based Forecast and Warning Services  
[https://library.wmo.int/index.php?lvl=notice\\_display&id=17257](https://library.wmo.int/index.php?lvl=notice_display&id=17257)  
 Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II  
[https://library.wmo.int/index.php?lvl=notice\\_display&id=21994](https://library.wmo.int/index.php?lvl=notice_display&id=21994)

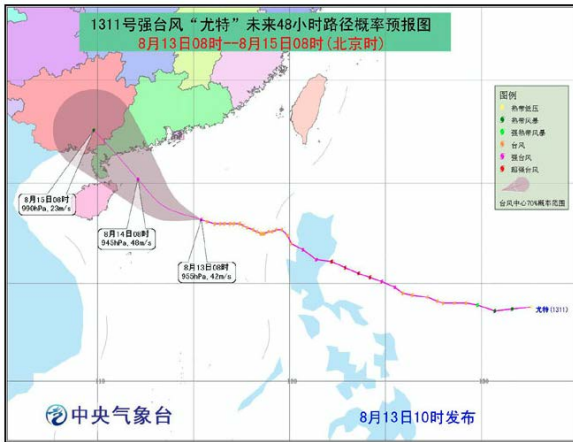
29.		843px-Meteo_France_weather_warning_map_-_24-25.07.2019.svg.png	By User:Ternoc - Own work	<a href="https://commons.wikimedia.org/wiki/File:Meteo_France_weather_warning_map_-_24-25.07.2019.svg.png">https://commons.wikimedia.org/wiki/File:Meteo_France_weather_warning_map_-_24-25.07.2019.svg.png</a>	Public Domain
30.		ffg1_6hr_19Apr2022_00z_NERFC.png	NOAA/NWS	<a href="https://www.weather.gov/serfc/ffg">https://www.weather.gov/serfc/ffg</a>	Public domain

31.	<p>Early Warning System for Extreme Heat Temperatures (SAT-TE Calor) Argentinian National Meteorological Service - 13 January, 2022 18:32h</p>  <p><b>Effect on Health</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">■</span> Red: High to extreme. Very dangerous. Can affect everyone, even the healthy.</li> <li><span style="color: orange;">■</span> Orange: Moderate to high. Can be very dangerous, especially for risk groups.</li> <li><span style="color: yellow;">■</span> Yellow: Mild to moderate. Can be dangerous, especially for risk groups, such as young children, those older than 65 years and people with chronic illness.</li> <li><span style="color: green;">■</span> Green: No effect on health. No danger to the health of the population.</li> </ul> <p><a href="https://www.smn.gobar/modelos">https://www.smn.gobar/modelos</a></p>	Argentina_heatwave_13jan20221838h.png	Modified from source	<a href="https://www.smn.gob.ar/modelos">https://www.smn.gob.ar/modelos</a>	Credit: Courtesy Argentinian National Meteorological Service
32.		Edited ISS037 image of Typhoon Fitow, close to Taiwan. 10105483996_34146e76aa_c.jpg	Stuart Rankin	<a href="https://flic.kr/p/goZfjG">https://flic.kr/p/goZfjG</a>	<a href="https://creativecommons.org/licenses/by-nc/2.0/">https://creativecommons.org/licenses/by-nc/2.0/</a>

33.		1165px-Fitow_2013_track.png	Meow, Background image NASA/. Tracking data Joint Typhoon Warning Center	<a href="https://en.wikipedia.org/wiki/Typhoon_Fitow#/media/File:Fitow_2013_track.png">https://en.wikipedia.org/wiki/Typhoon_Fitow#/media/File:Fitow_2013_track.png</a>	Public domain
34.		forecast-today_and_tomorrow.png	Parhamr	<a href="https://commons.wikimedia.org/wiki/File:Newspaper_weather_forecast_-_today_and_tomorrow.svg">https://commons.wikimedia.org/wiki/File:Newspaper_weather_forecast_-_today_and_tomorrow.svg</a>	<a href="https://creativecommons.org/licenses/by-sa/3.0">https://creativecommons.org/licenses/by-sa/3.0</a>
35.		Storm-843732_1280.jpg	Reslmaier,	<a href="https://www.needpix.com/photo/410098/">https://www.needpix.com/photo/410098/</a>	public domain

36.		AftermathBertha-4123970_67291d76.jpeg	John Lucas	<a href="https://www.geograph.org.uk/photo/4123970">https://www.geograph.org.uk/photo/4123970</a>	<a href="https://creativecommons.org/licenses/by-sa/2.0/">https://creativecommons.org/licenses/by-sa/2.0/</a>
37.		864px-Utor_2013-08-11_0515Z.jpg	Jeff Schmaltz, LANCE/EOSDIS MODIS Rapid Response Team, NASA GSFC	<a href="http://earthobservatory.nasa.gov/NaturalHazards/view.php?id=81837">http://earthobservatory.nasa.gov/NaturalHazards/view.php?id=81837</a> ,  Public Domain, <a href="https://commons.wikimedia.org/w/index.php?curid=27658452">https://commons.wikimedia.org/w/index.php?curid=27658452</a>	Public domain

38.



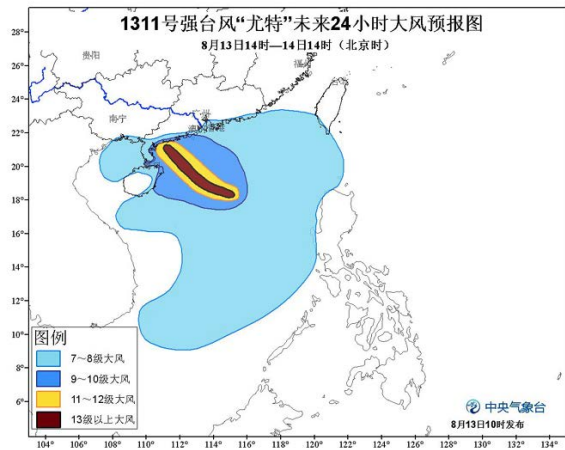
typhoon\_utor\_track\_fcst\_cma-aug2013.jpeg

China Meteorological Administration

[http://www.cma.gov.cn/en2014/news/News/201408/t20140812\\_255794.html](http://www.cma.gov.cn/en2014/news/News/201408/t20140812_255794.html)

Courtesy of China Meteorological Administration

39.



typhoon\_utor\_impact\_fcst\_cma-aug2013.jpeg

China Meteorological Administration

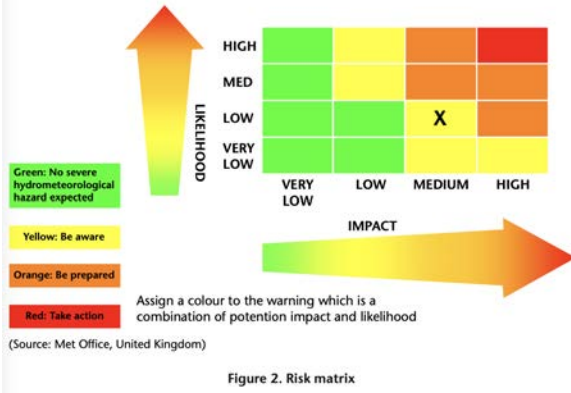
[http://www.cma.gov.cn/en2014/news/News/201408/t20140812\\_255794.html](http://www.cma.gov.cn/en2014/news/News/201408/t20140812_255794.html)

Courtesy of China Meteorological Administration





42.



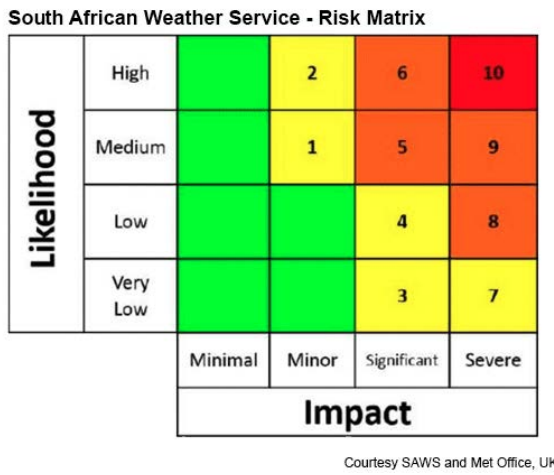
risk\_matrix\_metoffice\_UK.png

UK Met Service

Guidelines on Multi-hazard Impact-based Forecast and Warning Services  
[https://library.wmo.int/index.php?lvl=notice\\_display&id=17257](https://library.wmo.int/index.php?lvl=notice_display&id=17257)  
 Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II  
[https://library.wmo.int/index.php?lvl=notice\\_display&id=21994](https://library.wmo.int/index.php?lvl=notice_display&id=21994)

Courtesy UK Met Service

43.




SAWS\_risk.png

Courtesy SAWS and Met Office, UK

44.	<p><b>BMKG Indonesia Risk Matrix</b></p> <table border="1" data-bbox="199 305 724 706"> <tr> <td rowspan="4">Likelihood</td> <td>High</td> <td></td> <td>2</td> <td>7</td> <td>10</td> </tr> <tr> <td>Medium</td> <td></td> <td>1</td> <td>6</td> <td>9</td> </tr> <tr> <td>Low</td> <td></td> <td></td> <td>4</td> <td>8</td> </tr> <tr> <td>Very Low</td> <td></td> <td></td> <td>3</td> <td>5</td> </tr> <tr> <td></td> <td></td> <td>Minimal</td> <td>Minor</td> <td>Significant</td> <td>Severe</td> </tr> <tr> <td></td> <td></td> <td colspan="4">Impact</td> </tr> </table> <p><small>Courtesy BMKG and Met Office, UK</small></p>	Likelihood	High		2	7	10	Medium		1	6	9	Low			4	8	Very Low			3	5			Minimal	Minor	Significant	Severe			Impact				BMKG-Indonesia_risk.png			Courtesy BMKG and Met Office, UK
Likelihood	High			2	7	10																																
	Medium			1	6	9																																
	Low				4	8																																
	Very Low			3	5																																	
		Minimal	Minor	Significant	Severe																																	
		Impact																																				

**Module 3: Best Practises for Collaboration and Strategic Partnerships in IBFWS**

45.			Photo by <a href="#">Denniz Futalan</a> from <a href="#">Pexels</a>		
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46.



Photo by [RF. .studio](#) from [Pexels](#)

47.



Photo by [Matheus Bertelli](#) from [Pexels](#)

48.



Photo by [cottonbro](#) from [Pexels](#)

49.



Photo by [Harrison Haines](#) from [Pexels](#)

50.



Photo by [RODNAE Productions](#) from [Pexels](#)

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Photo by [Markus Spiske](#) from [Pexels](#)

52.

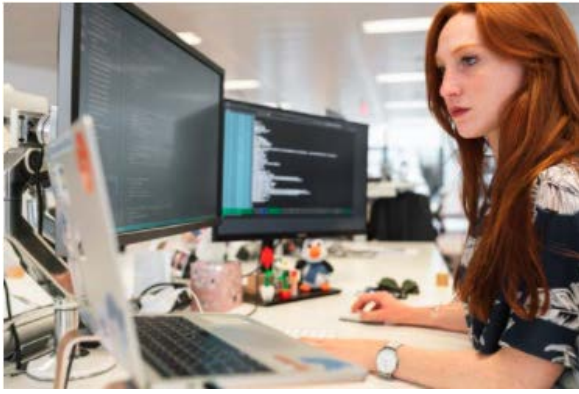

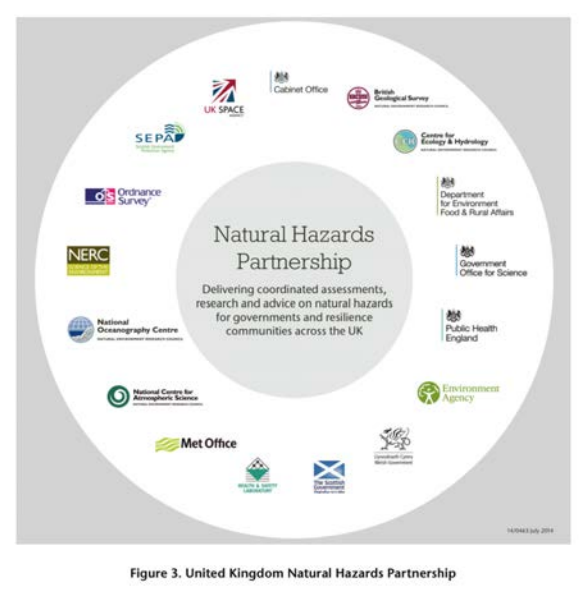
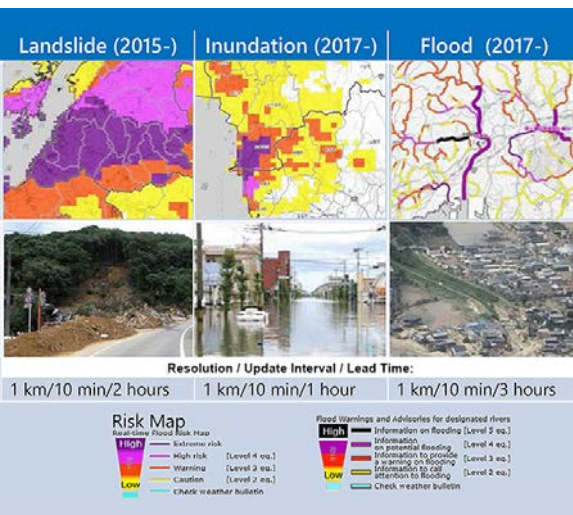








Photo by [ThisIsEngineering](#) from [Pexels](#)



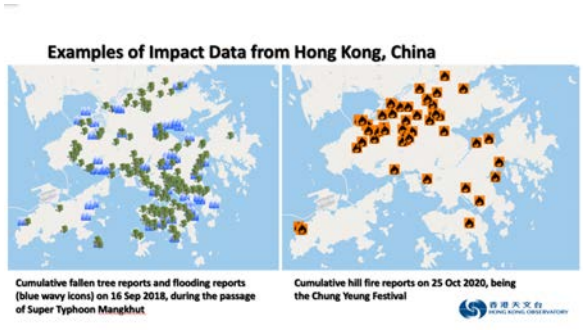


53.			<p>Photo by Yan Krukov from Pexels</p>		
54.	 <p>Figure 3. United Kingdom Natural Hazards Partnership</p>		<p>Met Office UK</p>	<p>WMO Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II: Putting Multi-hazard IBFWS into Practice  <a href="https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994">https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994</a></p>	<p>Courtesy Met Office UK</p>

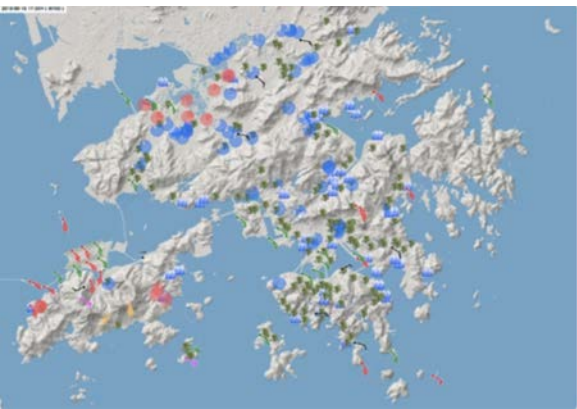


55.	 <p>Resolution / Update Interval / Lead Time:  1 km/10 min/2 hours    1 km/10 min/1 hour    1 km/10 min/3 hours</p> <p><b>Risk Map</b>  Rain-Now Flood Risk Map</p> <ul style="list-style-type: none"> <li>High: Extreme risk [Level 4 eq.]</li> <li>High: High-risk [Level 3 eq.]</li> <li>Warning: Warning [Level 2 eq.]</li> <li>Caution: Caution [Level 2 eq.]</li> <li>Low: Low</li> <li>Check weather bulletin</li> </ul> <p><b>Flood Warnings and Advisories for designated rivers</b></p> <ul style="list-style-type: none"> <li>High: Information on flooding [Level 4 eq.]</li> <li>High: Information on potential flooding [Level 4 eq.]</li> <li>Warning: Warning on flooding [Level 3 eq.]</li> <li>Warning: Information to provide attention to flooding [Level 3 eq.]</li> <li>Low: Information to call attention to flooding [Level 2 eq.]</li> <li>Low: Check weather bulletin</li> </ul>	JMA_Real-time_Risk_Map_modified.png	JMA	Japan Meteorological Agency (JMA)	Courtesy Japan Meteorological Agency (JMA)
56.		forecaster_work.jpg	NOAA	<a href="https://www.meted.ucar.edu/">https://www.meted.ucar.edu/</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>

57.		pexels-pixabay-260367.jpg	Pixabay	Photo by Pixabay from Pexels: <a href="https://www.pexels.com/photo/accident-action-danger-emergency-260367/">https://www.pexels.com/photo/accident-action-danger-emergency-260367/</a>	public domain,cco
58.			Photo by <a href="#">ThisIsEngineering</a> from <a href="#">Pexels</a>		

59.		imet_coordinate.jpeg	NOAA/NWS	<a href="https://www.meted.ucar.edu/">https://www.meted.ucar.edu/</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>
60.		nws_fire_desk_NW S.meted.jpg	NOAA/NWS Tallahassee, FL	<a href="https://www.meted.ucar.edu/">https://www.meted.ucar.edu/</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>
61.		start_burn.jpeg	Brent Lawrence, USFWS	<a href="https://www.meted.ucar.edu/fire/sitrep/media/graphics/start_burn.jpg">https://www.meted.ucar.edu/fire/sitrep/media/graphics/start_burn.jpg</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>

62.		DBK_FOC_3554_01_13_2017a.jpg	California Department of Water Resources	<a href="https://pixel-ca-dwr.photoshelter.com/index">https://pixel-ca-dwr.photoshelter.com/index</a>	public domain - per Ryan Endean, Assistant Deputy Director, Public Affairs Office, California Department of Water Resources (DWR), <a href="mailto:ryan.endean@water.ca.gov">ryan.endean@water.ca.gov</a> )
63.			Photo by Mikhail Nilov from Pexels		
64.	 <p><b>Examples of Impact Data from Hong Kong, China</b></p> <p>Cumulative fallen tree reports and flooding reports (blue wavy icons) on 16 Sep 2018, during the passage of Super Typhoon Mangkhut</p> <p>Cumulative hill fire reports on 25 Oct 2020, being the Chung Yeung Festival</p> <p>香港天文台 HONG KONG OBSERVATORY</p>	Impact_data_chart_KKH1803.pptx	Hong Kong Observatory (HKO)		Courtesy Hong Kong Observatory (HKO)



65.		GIS_ImpactData_m angkhut.png		<p>WMO Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II: Putting Multi-hazard IBFWS into Practice</p> <p><a href="https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994">https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994</a></p>	
66.			Photo by <a href="#">Manuel Geissinger</a> from <a href="#">Pexels</a>		
67.			Photo by <a href="#">Yan Krukov</a> from <a href="#">Pexels</a>		

68.



Photo by [Christina Morillo](#) from [Pexels](#)

69.






Photo by [fauxels](#) from [Pexels](#)



70.







Photo by [Canva Studio](#) from [Pexels](#)



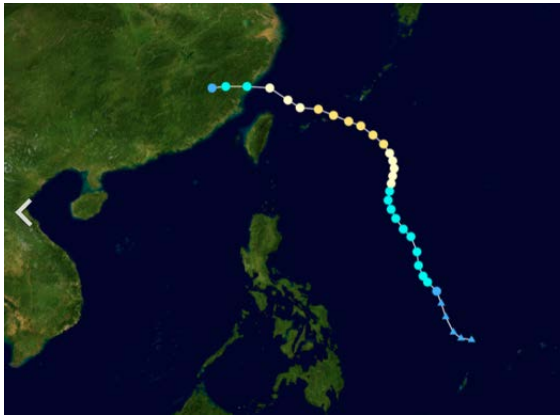


71.		<a href="#">IMG_2145.JPG</a>	UK Met Office	UK Met Office	Permission granted
72.		KJ_oro_ville_FERC_0452_08_07_19.JPG G	California Department of Water Resources	<a href="https://pixel-ca-dwr.photoshelter.com/index">https://pixel-ca-dwr.photoshelter.com/index</a>	public domain - per Ryan Endean, Assistant Deputy Director, Public Affairs Office, California Department of Water Resources (DWR), <a href="mailto:ryan.endean@water.ca.gov">ryan.endean@water.ca.gov</a>
73.			Photo by fauxels from Pexels		



74.			<p>Photo by Tima Miroshnichenko from Pexels</p>		
75.		<p>fcst-action-game-UKMet.png</p>	<p>Met Office, UC</p>	<p><a href="https://understandrisk.org/wp-content/uploads/FB-EA-Game-v5-1.pdf">https://understandrisk.org/wp-content/uploads/FB-EA-Game-v5-1.pdf</a></p>	<p>Met Office, UC</p>

76.		P1012655.JPG	UK Met Office	UK Met Office	Permission granted
77.			Photo by <a href="#">ICSA</a> from <a href="#">Pexels</a>		
Module 4: Effective Communications Strategies for Impacts-Based Warnings					

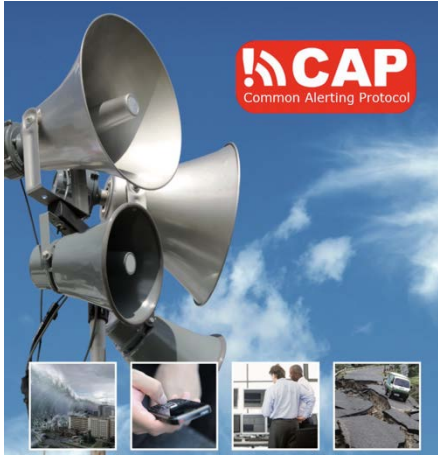
78.		Traffic_direction_station.png	U.S. Army National Guard photo by Capt. Brendan Mackie	<a href="https://nara.getarchive.net/">https://nara.getarchive.net/</a>	public domain
79.		Disaster_center_manager_fema.png	Jocelyn Augustino/FEMA		Public domain
80.		road_repair_crew.png			public domain

81.		Downed_Power_Lines_(17157695726)(1).jpg	<a href="#">Tony Webster</a>		<a href="https://creativecommons.org/licenses/by/2.0/deed.en">https://creativecommons.org/licenses/by/2.0/deed.en</a>
82.		Snow_road.jpg	NSSL NOAA	<a href="https://www.meted.ucar.edu/">https://www.meted.ucar.edu/</a>	COMET Terms of Use <a href="https://www.meted.ucar.edu/about_legal.php#C">https://www.meted.ucar.edu/about_legal.php#C</a>
83.		1920px-Fitow_2013_track.png	By Meow - Created by Meow using WikiProject Tropical cyclones/Tracks. The background image is from NASA. Tracking data is from the Joint Typhoon Warning Center[1]	<a href="https://en.wikipedia.org/wiki/Typhoon_Fitow#/media/File:Fitow_2013_track.png">https://en.wikipedia.org/wiki/Typhoon_Fitow#/media/File:Fitow_2013_track.png</a> <a href="https://commons.wikimedia.org/w/index.php?curid=28812172">https://commons.wikimedia.org/w/index.php?curid=28812172</a>	Public Domain



84.		TADDHighRes-sm.gif	NWS NOAA	<a href="https://www.weather.gov/safety/flood-turn-around-dont-drown">https://www.weather.gov/safety/flood-turn-around-dont-drown</a>	Public domain
85.		14197246562_626339166f_o.jpg	<a href="#">Fairfax County</a>	<a href="https://flic.kr/p/nCyAM9">https://flic.kr/p/nCyAM9</a>	<a href="https://creativecommons.org/licenses/by-nc-nd/2.0/">https://creativecommons.org/licenses/by-nc-nd/2.0/</a>

86.



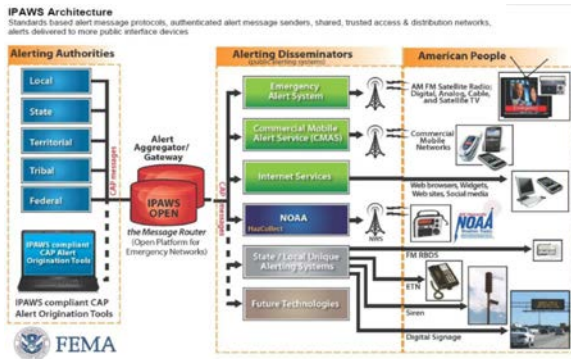
CAPcoverimage.jpg

WMO

<https://etrp.wmo.int/course/view.php?id=157>

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87.



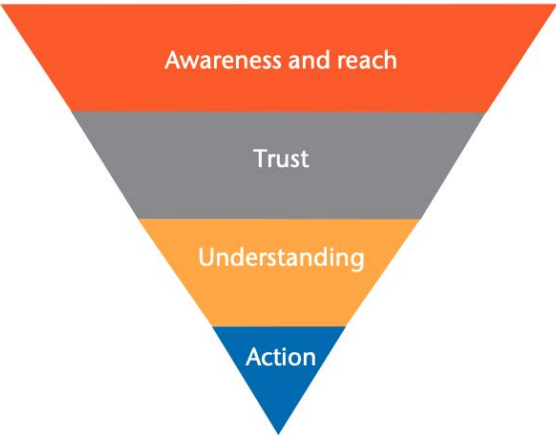


IPAWS-US-CAP-diagram.png

FEMA

<https://etrp.wmo.int/course/view.php?id=157>

Public domain



88.		REACH_model.png		<p>Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II</p> <p><a href="https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994">https://library.wmo.int/index.php?lvl=notice_display&amp;id=21994</a></p>	
89.	<p>← Tweet</p> <p> MetService @MetService</p> <p>Hot again for many parts of the country. Many people are struggling with this prolonged heat , but don't forget our pets and livestock! More temperature information at <a href="http://MetService.com">MetService.com</a> ^Lisa</p>  <p>2:57 PM · Jan 30, 2019 · TweetDeck</p>	NZTweet-seasonal-1-30Jan2019.png	Courtesy Meteorological Service of New Zealand	NZ MetService	Courtesy Meteorological Service of New Zealand

90.

← Tweet

MetService  
@MetService

With temperatures spiking around the country it pays to keep a few things in mind about dealing with the heat. Here's some advice for the family, and don't forget about your pets and animals! ^AH

During prolonged heat remember to...

- Keep hydrated
- Seek shade
- Wear a hat
- Check on the young and elderly

Heat Awareness

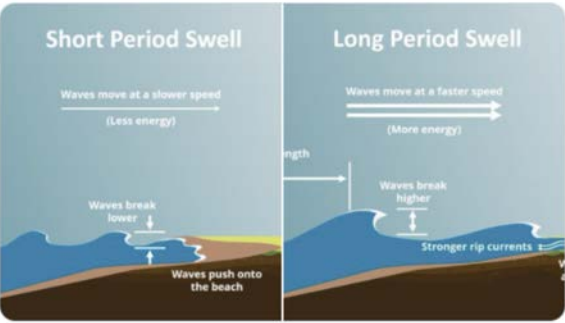

6:05 PM · Jan 27, 2019 · TweetDeck



NZTtweet-seasonal-2-27Jan2019.png


Courtesy  
Meteorological  
Service of New  
Zealand

NZ MetService

Courtesy  
Meteorological  
Service of New  
Zealand

<p>91.</p>	<p>← Tweet</p> <p> <b>MetService</b> @MetService</p> <p>Following the inclement weather this week, significant swells are forecast. With our new marine forecasts released last week, we now forecast swell period when greater than 10s. Check the info-graphics to see why this is important! ^Tui</p>  <p>10:25 PM · Sep 25, 2020 · TweetDeck</p> <p>6 Retweets 1 Quote Tweet 23 Likes</p>	<p>NZTweet-seasonal-explainer-3-25Sept2019.png</p>	<p>Courtesy Meteorological Service of New Zealand</p>	<p>NZ MetService</p>	<p>Courtesy Meteorological Service of New Zealand</p>
<p>92.</p>		<p>winter-ready-ireland.png</p>		<p><a href="https://www.gov.ie/en/publication/3670b1-be-winter-ready/">https://www.gov.ie/en/publication/3670b1-be-winter-ready/</a></p> <p>Guidelines on Multi-hazard Impact-based Forecast and Warning Services Part II</p> <p><a href="https://library.wmo.int/index.php?lvl=no">https://library.wmo.int/index.php?lvl=no</a></p>	

				<a href="#">tice_display&amp;id=21994</a>	
93.			<a href="#">MetService New Zealand</a>	<a href="https://fb.watch/bTNpDkSvzO/">https://fb.watch/bTNpDkSvzO/</a>	
94.	 <p>Ocean Buoy Awareness - Solomon Islands Pijin</p>	Ocean Buoys	WMO	<a href="https://www.youtube.com/playlist?list=PLNaX-uTWSWrHr554n5hLdemL-idLcefMq">https://www.youtube.com/playlist?list=PLNaX-uTWSWrHr554n5hLdemL-idLcefMq</a>	

95.		Coastal Inundation	WMO	<a href="https://www.youtube.com/playlist?list=PLNaX-uTWSWrGZ4yEMaYyv4o2SiQT20nsz">https://www.youtube.com/playlist?list=PLNaX-uTWSWrGZ4yEMaYyv4o2SiQT20nsz</a>	
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