**Modelled climate and ocean predictions for Victoria from April 2024 run models.**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CGCM** | | **CGCM** | **CGCM** | **CGCM** | **CGCM** | | **CGCM** | **CGCM** | | **CGCM** | **Ensemble** | | **Ensemble** | **Ensemble** | | **Statistical** |
| Phenomena | System 5  ECMWF  Europe | ACCESS-S  BoM  Australia | | SINTEX-F  JAMSTEC  Japan | CFSv2  NCEP  USA | | GEOS-S2S  NASA  USA | EPS  JMA  Japan | | CSM1.1m  BCC  China | GloSea5  UKMO  UK | NMME  USA | C3S  Europe | | | MME  APCC  Korea | SOI phase  USQ/Qld  Australia |
| Month of Run | **Apr** | **Apr** | | **Apr** | **Apr** | | **Apr** | **Apr** | | **Apr** | **Apr** | **Apr** | **Apr** | | | **Apr** | **Apr** |
| Forecast months\* | **MJJ** | **MJJ** | | **MJJ** | **MJJ** | | **MJJ** | **MJJ** | | **MJJ** | **MJJ** | **MJJ** | **MJJ** | | | **MJJ** | **MJJ** |
| Rainfall Skill MJJ | **Low** | **Moderate** | | - | **Low** | | **Moderate** | **Moderate** | | - | **Moderate** | **Moderate N / Low S** | - | | | - | - |
| Winter Pacific Ocean NINO3.4 | **Normal** | **Slightly warm** | | **Normal** | **Normal** | | **Cool (weak La Niña)** | **Cool (weak La Niña)** | | **Slightly warm** | **Cool (La Niña)** | **Slightly Cool** | **Slightly Cool** | | | **Slightly Cool** | **SOI neutral** |
| Winter Eastern  Indian Ocean | **Cool (+IOD)** | **Cool (+IOD)** | | **Cool (+IOD)** | **Slightly warm** | | **Slightly warm** | **Cool (+IOD)** | | **Slightly warm** | **Cool (+IOD)** | **Slightly cool (weak +IOD)** | **Slightly cool (weak +IOD)** | | | **Slightly cool (weak +IOD)** | - |
| Winter Rainfall | **Neutral, slightly drier SW Coast** | **Neutral** | | **Neutral** | **Neutral, slightly drier SW** | | **Neutral** | **Slightly drier** | | **Neutral** | **Slightly drier** | **Neutral, slightly drier SW, slightly wetter far E** | **Neutral, slightly drier SW** | | | **Slightly drier S,**  **Neutral N** | **Neutral** |
| Winter Temperature | **Warmer** | **Warmer** | | **Slightly warmer** | **Slightly warmer E, neutral W** | | **Slightly warmer** | **Neutral, slightly warmer far W** | | **Warmer** | **Warmer** | **Warmer** | **Warmer** | | | **Warmer** | - |
| Forecast months\* | **ASO** | **JAS** | | **ASO** | **ASO** | | **ASO** | - | | **ASO** | **JAS** | **ASO** | **JAS** | | | **ASO** | - |
| Spring Pacific Ocean NINO3.4 | **Slightly Cool** | **Normal** | | **Cool (weak La Niña)** | **Cool (La Niña)** | | **Cool (La Niña)** | - | | **Slightly warm** | **Cool (La Niña)** | **Cool (La Niña)** | **Cool (La Niña)** | | | **Cool (La Niña)** | - |
| Spring Eastern  Indian Ocean | **Cool (+IOD)** | **Cool (+IOD)** | | **Cool (+IOD)** | **Warm** | | **Cool (+IOD)** | - | | **Normal** | **Cool (+IOD)** | **Slightly warm** | **Cool (+IOD)** | | | **Cool (+IOD)** | - |
| Spring Rainfall | **Neutral** | - | | **Neutral** | **Neutral, slightly wetter far N** | | **Neutral** | - | | **Neutral N, slightly drier S** | **Neutral** | **Slightly wetter, neutral WSW** | **Neutral** | | | **Slightly wetter N, neutral S** | - |
| Spring Temperature | **Warmer** | - | | **Slightly warmer** | **Slightly warmer** | | **Slightly warmer** | - | | **Slightly warmer** | **Warmer** | **Slightly warmer** | **Warmer** | | | **Slightly warmer N warmer S** | - |
| Further Info | Operational | Operational | | Experimental | Operational | | Experimental | Experimental | | Operational | Operational | Experimental  Summary of 8 dynamic models | Experimental  Summary of 7 dynamic models | | | Experimental  Summary of 13 dynamic models | 5 phase system based on previous 2 months SOI |

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| Alt– text - Twelve climate models show their predictions for the next six months for the Pacific Ocean, Indian Ocean, rainfall and temperature for Victoria. |
| \*MJJ = May, June, July JAS = July, August, September ASO = August, September, October |