

## Australia, 1991-2020 Climatological Normals

The WMO Member provided Normals data for 304 stations in eight (8) Excel files with stations provided by state or territory as well as islands of the Antarctic. NCEI converted the Excel file spreadsheets to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel files are provided along with the CSV files.

Excel Files	CSV Files
WMO_Normals_Excel_Template_IslandsAntarctic.xlsx WMO_Normals_Excel_Template_NSW.xlsx WMO_Normals_Excel_Template_NT.xlsx WMO_Normals_Excel_Template_Queensland.xlsx WMO_Normals_Excel_Template_SA.xlsx WMO_Normals_Excel_Template_Tasmania.xlsx WMO_Normals_Excel_Template_Victoria.xlsx WMO_Normals_Excel_Template_WA.xlsx	AdelaideAirport_94672.csv AlbanyAirport_94802.csv AlburyAirport_95896.csv AliceSpringsAirport_94326.csv Amberley_94568.csv Andamooka_95660.csv Ararat_94834.csv Arkaroola_94676.csv Armidale_94773.csv BallaratAerodrome_94852.csv Barcaldine_94350.csv Barraba_94761.csv BathurstAgStation_94730.csv BathurstAirport_94729.csv BenallaAirport_94884.csv Bencubbin_94632.csv BendigoAirport_94855.csv Beverley_95615.csv Bicheno_95989.csv BirdsvilleAirport_95482.csv Bollon_94513.csv BombalaTherryStreet_94928.csv BouliaAirport_94333.csv BourkeAirport_94703.csv Brewarrina_95512.csv Bridgetown_95632.csv BrisbaneAero_94578.csv BrokenHill_94691.csv Brookton_94625.csv BroomeAirport_94203.csv BundabergAero_94387.csv BurketownAirport_94260.csv BurrinjuckDam_94909.csv BushyPark_94964.csv Cabramurra_95916.csv CairnsAero_94287.csv Camooweal_94255.csv CanberraAirport_94926.csv

CapeBorda\_95805.csv  
CapeBruny\_94967.csv  
CapeGrim\_94954.csv  
CapeLeeuwin\_94601.csv  
CapeMoreton\_94594.csv  
CapeNelson\_94826.csv  
CapeOtway\_94842.csv  
Cardwell\_94292.csv  
CarnarvonAirport\_94300.csv  
Carnegie\_94451.csv  
Casey\_89611.csv  
Castlemaine\_95853.csv  
Ceduna\_94653.csv  
CharlevilleAero\_94510.csv  
ChartersTowersAirport\_94356.csv  
ChristmasIslandAero\_96995.csv  
Cleve\_94661.csv  
CobarMO\_94711.csv  
CocosIslandAirport\_96996.csv  
CoenAirport\_94183.csv  
CoffsHarbourAirport\_95729.csv  
Collinsville\_94360.csv  
CondobolinAgResearch\_94707.csv  
CondobolinAirport\_95708.csv  
CooktownAirport\_95283.csv  
CoomaVisitorsCentre\_94923.csv  
Coonabarabran\_94728.csv  
CootamundraAirport\_94714.csv  
CorowaAirport\_95895.csv  
Corrigin\_94633.csv  
CorryongAirport\_94899.csv  
CowraAirport\_95721.csv  
CunderdinAirfield\_95625.csv  
Cunnamulla\_94500.csv  
CurtinSprings\_94463.csv  
Dalwallinu\_95629.csv  
DartmouthReservoir\_94888.csv  
DarwinAirport\_94120.csv  
Davis\_89571.csv  
Denham\_94402.csv  
DeniliquinAirport\_95869.csv  
DerbyAero\_95205.csv  
DevonportAirport\_95960.csv  
Donnybrook\_95622.csv  
Dover\_94961.csv  
DubboAirport\_95719.csv  
Dunedoo\_95727.csv  
EastSale\_94907.csv

EchucaAerodrome\_94861.csv  
Elliston\_94656.csv  
Esperance\_94638.csv  
Eucla\_94647.csv  
Eudunda\_94680.csv  
Eyre\_94645.csv  
FlindersIslandAirport\_94980.csv  
ForbesAirport\_94715.csv  
Forrest\_95646.csv  
GabolIsland\_94933.csv  
GayndahAirport\_95543.csv  
GeorgetownAirport\_94274.csv  
GeraldtonAirport\_94403.csv  
Giles\_94461.csv  
GladstoneRadar\_94380.csv  
GlenInnesAg\_94585.csv  
GoulburnTAFE\_94716.csv  
GoveAirport\_94150.csv  
Grenfell\_94725.csv  
Grove\_95977.csv  
Gulgong\_94732.csv  
Gundagai\_94890.csv  
GunnedahResourceCentre\_94740.csv  
Guyra\_94772.csv  
HamiltonIslandAirport\_94368.csv  
Hawker\_94673.csv  
Hobart\_94970.csv  
HobartAirport\_94975.csv  
HornIsland\_94174.csv  
HorshamAerodrome\_95839.csv  
HughendenAirport\_94343.csv  
HumeReservoir\_94901.csv  
Hyden\_95627.csv  
Ingham\_95291.csv  
Injune\_94511.csv  
Innisfail\_94291.csv  
InverellRaglanSt\_95541.csv  
Isisford\_94345.csv  
JabiruAirport\_94137.csv  
Jarrahwood\_95623.csv  
Jervis\_94327.csv  
JurienBay\_95600.csv  
Kalbarri\_94401.csv  
Kalgoorlie-BoulderAirport\_94637.csv  
Kalumburu\_94100.csv  
KarijiniNorth\_94330.csv  
Karnet\_95614.csv  
Katanning\_94641.csv

Katoomba\_94744.csv  
Keith\_94816.csv  
Kerang\_94844.csv  
Kimba\_94668.csv  
KIngslandAirport\_94850.csv  
Kowanyama\_94268.csv  
KununurraAero\_94216.csv  
Kyancutta\_94657.csv  
LadyElliotIsland\_94388.csv  
LakeCargelligoAirport\_95707.csv  
LakeEildon\_94882.csv  
LakeLeake\_94979.csv  
LakesEntrance\_95904.csv  
LakeStClair\_94976.csv  
LakeVictoria\_94692.csv  
Lancelin\_95606.csv  
LarapunaEddystonePoint\_94983.csv  
LatrobeValleyAirport\_94891.csv  
LauncestonAirport\_95966.csv  
LavertonRAAF\_94865.csv  
LearmonthAirport\_94302.csv  
LeonoraAero\_94450.csv  
Llawenee\_95959.csv  
LlismoreAirport\_94572.csv  
Lithgow\_94741.csv  
LockhartRiver\_94186.csv  
LoganCity\_95581.csv  
LongreachAero\_94346.csv  
LordHowelsIslandAero\_94995.csv  
LowHead\_95964.csv  
LowIsles\_94285.csv  
LoxtonResearchCentre\_94682.csv  
MaatsuykerIsland\_94962.csv  
MackayMO\_94367.csv  
Macquarielsland\_94998.csv  
MangaloreAirport\_94874.csv  
ManingridaAirport\_95142.csv  
MarbleBar\_95317.csv  
Marrawah\_94950.csv  
MarreeAero\_95480.csv  
Maryborough\_94567.csv  
Maryborough\_94849.csv  
Mawson\_89564.csv  
MeekatharraAirport\_94430.csv  
MelbourneAirport\_94866.csv  
MelbourneOlympicPark\_95936.csv  
Menindee\_94694.csv  
Meningie\_95814.csv

Merredin\_95624.csv  
MilduraAirport\_94693.csv  
Miles\_95529.csv  
Mitchell\_94514.csv  
MontoTownship\_94377.csv  
MoranbahAirport\_94397.csv  
MorawaAirport\_94417.csv  
MoreeAero\_95527.csv  
MoruyaHeads\_94937.csv  
MountBarker\_94806.csv  
MountGambier\_94821.csv  
MountIsaAero\_94332.csv  
Mungindi\_94520.csv  
MurrayBridge\_95812.csv  
Murrurundi\_94756.csv  
Murwillumbah\_94582.csv  
Narooma\_95935.csv  
NarranderaAirport\_95706.csv  
Narrogin\_94627.csv  
NewmanAero\_94317.csv  
NhillAirport\_94827.csv  
NorfolkIslandAero\_94996.csv  
NormantonAirport\_94266.csv  
NowraRAN\_94750.csv  
Nuriootpa\_94681.csv  
Ongerup\_95628.csv  
OnslowAirport\_95305.csv  
OodnadattaAirport\_94476.csv  
OrangeAirport\_95726.csv  
Orbost\_95918.csv  
Orford\_95984.csv  
Ouyen\_94831.csv  
Palmerville\_94276.csv  
ParaburdooAero\_94316.csv  
ParkesAirport\_95717.csv  
ParramattaNorth\_94764.csv  
PatersonTocal\_94775.csv  
PaynesFind\_94404.csv  
PeakHill\_94721.csv  
PerthAirport\_94610.csv  
Pingelly\_95616.csv  
PointPerpendicular\_95940.csv  
PortHedlandAirport\_94312.csv  
PortlandCashmoreAirport\_94828.csv  
PortLincoln\_95661.csv  
PortMacquarieAirport\_94786.csv  
Proserpine\_94365.csv  
Quirindi\_95746.csv

RabbitFlat\_95322.csv  
Ravensthorpe\_94636.csv  
RichmondAirport\_94341.csv  
RichmondRAAF\_95753.csv  
Robe\_94812.csv  
RockhamptonAero\_94374.csv  
RomaAirport\_94515.csv  
Ross\_94985.csv  
RottnestIsland\_94602.csv  
Rutherglen\_95837.csv  
SconeAirport\_95758.csv  
Scottsdale\_94972.csv  
SeventeenSeventy\_94384.csv  
SingletonDefence\_99738.csv  
SmokyCape\_94790.csv  
Snowtown\_95670.csv  
Springsure\_95362.csv  
StGeorgeAirport\_94517.csv  
StHelensAerodrome\_95981.csv  
StrahanAerodrome\_94956.csv  
StrathalbynRacecourse\_94814.csv  
Strathbogie\_95843.csv  
StreakyBay\_94654.csv  
Surat\_94521.csv  
SwanHillAerodrome\_94843.csv  
Swansea\_94981.csv  
SydneyAirport\_94767.csv  
SydneyObservatoryHill\_94768.csv  
Tabulam\_94587.csv  
Tambo\_94355.csv  
Taralga\_94735.csv  
TarcoolaAero\_94655.csv  
TareeAirport\_95784.csv  
Taroom\_94525.csv  
Tatura\_95836.csv  
TennantCreekAirport\_94238.csv  
Tenterfield\_94556.csv  
Tewantin\_94570.csv  
Texas\_95533.csv  
ThangoolAirport\_94376.csv  
ThargomindahAirport\_95492.csv  
TibooburraAirport\_95485.csv  
Tindal\_94131.csv  
TownsvilleAero\_94294.csv  
Tumbarumba\_94918.csv  
VictorHarbor\_95811.csv  
VictoriaRiverDowns\_94232.csv  
Wagin\_95618.csv

	WalgettAirport_95715.csv WalkaminResearchStation_95284.csv Wanaaring_94497.csv Wandering_95640.csv Warmun_94213.csv Warooka_94663.csv Warwick_94555.csv Weipa_Aero_94170.csv Wellington_94723.csv WestWyalongAirport_95709.csv WilcanniaAerodrome_95695.csv WilliamstownRAAF_94776.csv WillisIsland_94299.csv WilsonPromontory_94893.csv WilunaAero_95439.csv WindorahAirport_94489.csv WintonAirport_94342.csv WonganHills_94622.csv Wonthaggi_95881.csv Woolbrook_94792.csv Woomera_94659.csv WynyardAirport_95957.csv Yamba_94589.csv YarrasMountSeaview_94783.csv Yongala_94679.csv York_94623.csv
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### **Brunei Darussalam, 1991-2020 Climatological Normals**

The WMO Member provided data for one (1) station in a single Excel file. NCEI converted the Excel file to a Comma Separated Values (CSV) file to aid in quality control, mapping, and comparison to Normals from other countries.

Users are asked to note that NCEI recomputed the annual Normal for Parameter 2 (DP01) from the Monthly Normals because the original value was inconsistent with the monthly values. The recomputed annual Normal is in the CSV file.

The original Excel file is provided along with the CSV file.

<b>Excel Files</b>	<b>CSV Files</b>
BRUNEI_96315.xlsx	BRUNEI_96315.csv



## Fiji, 1991-2020 Climatological Normals

The WMO Member provided data for 16 stations in individual CSV files.

Excel Files	CSV Files
N/A	KoroniviaResearchStation_88053.csv LabasaAirfield_91657.csv Lakeba_91691.csv LaucalaBay_91690.csv MateiAirfield_91665.csv MonasavuHydroDam_78708.csv Nabouwalu_91659.csv NacocolevuResearchStation_87152.csv NadiAirport_91680.csv NausoriAirport_91683.csv OnoLau_91699.csv RotumalIsland_91650.csv SavusavuAirfield_91663.csv UduPointWeatherSataion_91652.csv Vunisea_91693.csv YasawalRara_91660.csv

## French Polynesia, 1991-2020 Climatological Normals

The WMO Member provided data for 9 stations in individual Excel files. NCEI converted the Excel files to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel files are provided along with the CSV files.

Excel Files	CSV Files
BORA_91929.xlsx	BORA_91929.csv
FAAA_91938.xlsx	FAAA_91938.csv
HAO_91944.xlsx	HAO_91944.csv
HIVA_OA_91925.xlsx	HIVA_OA_91925.csv
MANGAREVA_91948.xlsx	MANGAREVA_91948.csv
RAPA_91958.xlsx	RAPA_91958.csv
TAIARAPU_91936.xlsx	TAIARAPU_91936.csv
TAKAROA_91943.xlsx	TAKAROA_91943.csv
TUBUAI_91954.xlsx	TUBUAI_91954.csv

## Indonesia, 1991-2020 Climatological Normals

The WMO Member provided data for 110 stations in individual CSV files.

Excel Files	CSV Files
N/A	HalimPerdanaKusumaJakarta_96747.csv StasiunGeofisikaBandung_96783.csv StasiunGeofisikaDeliSerdang_96037.csv StasiunGeofisikaDenpasar_97232.csv StasiunGeofisikaKepahiang_96257.csv StasiunGeofisikaLampungUtara_96297.csv StasiunGeofisikaMalang_96949.csv StasiunGeofisikaManado_97010.csv StasiunGeofisikaNganjuk_96975.csv StasiunGeofisikaPasuruan_96945.csv StasiunGeofisikaTangerang_96735.csv StasiunKlimatologiAcehBesar_96017.csv StasiunKlimatologiBanjarbaru_96687.csv StasiunKlimatologiBengkulu_96255.csv StasiunKlimatologiBogor_96753.csv StasiunKlimatologiDeliSerdang_96031.csv StasiunKlimatologiKupang_97374.csv StasiunKlimatologiMalang_96943.csv StasiunKlimatologiMaros_97184.csv StasiunKlimatologiMempawah_96583.csv StasiunKlimatologiMinahasaUtara_97012.csv StasiunKlimatologiPadangPariaman_96167.csv StasiunKlimatologiPalembang_96223.csv StasiunKlimatologiSemarang_96835.csv StasiunKlimatologiSeramBagianBarat_97726.csv StasiunMeteorologiAhmadYani_96839.csv StasiunMeteorologiAndiJemma_97126.csv StasiunMeteorologiBandaneira_97790.csv StasiunMeteorologiBanyuwangi_96987.csv StasiunMeteorologiBeringin_96595.csv StasiunMeteorologiBinaka_96075.csv StasiunMeteorologiBudiarto_96739.csv StasiunMeteorologiCiteko_96751.csv StasiunMeteorologiCutNyakDhienNaganRaya_96015.csv StasiunMeteorologiDabo_96179.csv StasiunMeteorologiDepatiAmir_96237.csv StasiunMeteorologiDepatiParbo_96207.csv StasiunMeteorologiEltari_97372.csv StasiunMeteorologiEmalamo_97600.csv StasiunMeteorologiFatmawatiSoekarno_96253.csv StasiunMeteorologiFLTobing_96073.csv StasiunMeteorologiFransiskusXaveriusSeda_97300.csv StasiunMeteorologiFransKaisiepo_97560.csv

	StasiunMeteorologiGeser_97748.csv StasiunMeteorologiGewayantana_97310.csv StasiunMeteorologiGustiSyamsirAlam_96695.csv StasiunMeteorologiHangNadim_96087.csv StasiunMeteorologiHASHananjoeddin_96249.csv StasiunMeteorologiGustiNgurahRai_97230.csv StasiunMeteorologiIskandar_96645.csv StasiunMeteorologiJapura_96171.csv StasiunMeteorologiJuanda_96935.csv StasiunMeteorologiJuwata_96509.csv StasiunMeteorologiKalianget_96973.csv StasiunMeteorologiKalimarau_96529.csv StasiunMeteorologiKarelSadsuitubun_97810.csv StasiunMeteorologiKasiguncu_97096.csv StasiunMeteorologiKemayoran_96745.csv StasiunMeteorologiKertajati_96791.csv StasiunMeteorologiKualanamu_96035.csv StasiunMeteorologiMaimunSaleh_96001.csv StasiunMeteorologiMalikussaleh_96009.csv StasiunMeteorologiMaritimBelawan_96033.csv StasiunMeteorologiMaritimBitung_97016.csv StasiunMeteorologiMaritimPaotere_97182.csv StasiunMeteorologiMaritimSerang_96737.csv StasiunMeteorologiMaritimTanjungEmas_96837.csv StasiunMeteorologiMaritimTanjungPerak_96937.csv StasiunMeteorologiMaritimTanjungPriok_96741.csv StasiunMeteorologiMaritimTelukBayur_96161.csv StasiunMeteorologiMathildaBatlayeri_97900.csv StasiunMeteorologiMinangkabau_96163.csv StasiunMeteorologiMozezKilangin_97796.csv StasiunMeteorologiMutiaraSisAlJufri_97072.csv StasiunMeteorologiNaha_97008.csv StasiunMeteorologiNamlea_97700.csv StasiunMeteorologiNangapinoh_96557.csv StasiunMeteorologiOesmanSadik_97460.csv StasiunMeteorologiPaloh_96535.csv StasiunMeteorologiPattimura_97724.csv StasiunMeteorologiPerakI_96933.csv StasiunMeteorologiRadinIntenII_96295.csv StasiunMeteorologiRahadiOesman_96615.csv StasiunMeteorologiRajaHajiFisabilillah_96091.csv StasiunMeteorologiSamRatulangi_97014.csv StasiunMeteorologiSangkapura_96925.csv StasiunMeteorologiSentani_97690.csv StasiunMeteorologiSoekarnoHatta_96749.csv StasiunMeteorologiSultanAjiMuhammadSulaimanSepinggan_96633.csv StasiunMeteorologiSultanBabullah_97430.csv StasiunMeteorologiSultanBantilan_97028.csv
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	StasiunMeteorologiSultanHasanuddin_97180.csv StasiunMeteorologiSultanIskandarMuda_96011.csv StasiunMeteorologiSultanMahmudBadaruddinII_96221.csv StasiunMeteorologiSultanMuhammadKaharuddin_97260.csv StasiunMeteorologiSultanMuhammadSalahuddin_97270.csv StasiunMeteorologiSultanSyarifKasimII_96109.csv StasiunMeteorologiSultanThaha_96195.csv StasiunMeteorologiSupadio_96581.csv StasiunMeteorologiSusilo_96559.csv StasiunMeteorologiSyamsudinNoor_96685.csv StasiunMeteorologiSyukuranAminudinAmir_97086.csv StasiunMeteorologiTanjungHarapan_96525.csv StasiunMeteorologiTarempa_96145.csv StasiunMeteorologiTegal_96797.csv StasiunMeteorologiTemindung_96607.csv StasiunMeteorologiTjilikRiwut_96655.csv StasiunMeteorologiTunggulWulung_96805.csv StasiunMeteorologiUmbuMehangKunda_97340.csv StasiunMeteorologiZainuddinAbdulMadjid_97240.csv
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### **Kiribati, 1991-2020 Climatological Normals**

The WMO Member provided data for 1 station in a single Excel file. NCEI converted the Excel file to a Comma Separated Values (CSV) file to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel file is provided along with the CSV file.

<b>Excel Files</b>	<b>CSV Files</b>
Tarawa_91610.xlsx	Tarawa_91610.csv

## Malaysia, 1991-2020 Climatological Normals

The WMO Member provided data for 15 stations in individual Excel files. NCEI converted the Excel files to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel files are provided along with the CSV files.

Excel Files	CSV Files
BayanLepas_48601.xls	BayanLepas_48601.csv
Bintulu_96441.xls	Bintulu_96441.csv
KotaBharu_48615.xls	KotaBharu_48615.csv
KotaKinabalu_96471.xls	KotaKinabalu_96471.csv
Kuantan_48657.xls	Kuantan_48657.csv
Kuching_96413.xls	Kuching_96413.csv
Labuan_96465.xls	Labuan_96465.csv
Melaka_48665.xls	Melaka_48665.csv
Mersing_48674.xls	Mersing_48674.csv
Miri_96449.xls	Miri_96449.csv
Sandakan_96491.xls	Sandakan_96491.csv
Sibu_96421.xls	Sibu_96421.csv
Sitiawan_48620.xls	Sitiawan_48620.csv
Subang_48647.xls	Subang_48647.csv
Tawau_96481.xls	Tawau_96481.csv

## New Zealand, 1991-2020 Climatological Normals

The WMO Member provided data for 18 stations in a single Excel file with multiple spreadsheets. NCEI converted the Excel file spreadsheets to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel file is provided along with the CSV files.

Excel Files	CSV Files
NewZealand_WMO_Normals_9120.xlsx	Auckland_Aero_AWS_93110.csv Campbell_Island_AWS_93947.csv Chatham_Island_Airport_93985.csv Christchurch_Aero_AWS_93781.csv Gisborne_Aero_AWS_93292.csv Hokitika_Aero_AWS_93615.csv Invercargill_Airport_AWS_93845.csv Kaikoura_AWS_93678.csv Kaitaia_Observatory_93012.csv Lauder_Observatory_93817.csv Lincoln_Broadfield_93791.csv New_Plymouth_Aero_AWS_93309.csv Paraparaumu_Aero_AWS_93420.csv Raoul_Island_AWS_93994.csv Scott_Base_89665.csv Tara_Hills_AWS_93747.csv Taupo_Aero_AWS_93245.csv Wellington_Aero_AWS_93439.csv



## Philippines, 1991-2020 Climatological Normals

The WMO Member provided data for 43 stations in individual Excel files. NCEI converted the Excel files to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel files are provided along with the CSV files.

Excel Files	CSV Files
AlabatQuezon_984351.xlsx	AlabatQuezon_984351.csv
AmbulongTanauanBatangas_98432.xlsx	AmbulongTanauanBatangas_98432.csv
AparriCagayan_98232.xlsx	AparriCagayan_98232.csv
BaguioCityBenguet_98328.xlsx	BaguioCityBenguet_98328.csv
ButuanCityAgusanDelNorte_98752.xlsx	ButuanCityAgusanDelNorte_98752.csv
CalapanOrientalMindoro_98431.xlsx	CalapanOrientalMindoro_98431.csv
CasiguranAurora_98336.xlsx	CasiguranAurora_98336.csv
CatarmanNorthernSamar_98546.xlsx	CatarmanNorthernSamar_98546.csv
CatbaloganWesternSamar_98548.xlsx	CatbaloganWesternSamar_98548.csv
CoronPalawan_98526.xlsx	CoronPalawan_98526.csv
CotabatoCityMaguindanao_98746.xlsx	CotabatoCityMaguindanao_98746.csv
CubiPtSubicBayOlongapoCity_98426.xlsx	CubiPtSubicBayOlongapoCity_98426.csv
CuyoPalawan_98630.xlsx	CuyoPalawan_98630.csv
DaetCamarinesNorte_98440.xlsx	DaetCamarinesNorte_98440.csv
DagupanCityPangasinan_98325.xlsx	DagupanCityPangasinan_98325.csv
DavaoCityDavaoDelSur_98753.xlsx	DavaoCityDavaoDelSur_98753.csv
DipologZamboangaDelNorte_98741.xlsx	DipologZamboangaDelNorte_98741.csv
DumagueteCityNegrosOriental_98642.xlsx	DumagueteCityNegrosOriental_98642.csv
GeneralSantosCitySouthCotabato_98851.xlsx	GeneralSantosCitySouthCotabato_98851.csv
GuiuanEasternSamar_98558.xlsx	GuiuanEasternSamar_98558.csv
HinatuanSurigaoDelSur_98755.xlsx	HinatuanSurigaoDelSur_98755.csv
IbaZambales_98324.xlsx	IbaZambales_98324.csv
InfantaQuezon_98434.xlsx	InfantaQuezon_98434.csv
LaoagCityIlocosNorte_98223.xlsx	LaoagCityIlocosNorte_98223.csv
LegazpiCityAlbay_98444.xlsx	LegazpiCityAlbay_98444.csv
MaasinSouthernLeyte_98648.xlsx	MaasinSouthernLeyte_98648.csv
MactanInternationalAirportCebu_98646.xlsx	MactanInternationalAirportCebu_98646.csv
MalaybalayBukidnon_98751.xlsx	MalaybalayBukidnon_98751.csv
MasbateCityMasbate_98543.xlsx	MasbateCityMasbate_98543.csv
PortAreaManila_98425.xlsx	PortAreaManila_98425.csv
PuertoPrincesaCityPalawan_98618.xlsx	PuertoPrincesaCityPalawan_98618.csv
RomblonCityRomblon_98536.xlsx	RomblonCityRomblon_98536.csv
RoxasCityCapiz_98538.xlsx	RoxasCityCapiz_98538.csv
SangleyPointCavite_98428.xlsx	SangleyPointCavite_98428.csv
SanJoseOccidentalMindoro_98531.xlsx	SanJoseOccidentalMindoro_98531.csv
ScienceGardenQuezonCityMetroManila_98430.xlsx	ScienceGardenQuezonCityMetroManila_98430.csv
SinaitIlocosSur_98222.xlsx	SinaitIlocosSur_98222.csv

SurigaoCitySurigaoDelNorte_98653.xlsx	SurigaoCitySurigaoDelNorte_98653.csv
TaclobanCityLeyte_98550.xlsx	TaclobanCityLeyte_98550.csv
TayabasCityQuezon_98427.xlsx	TayabasCityQuezon_98427.csv
TuguegaraoCityCagayan_98233.xlsx	TuguegaraoCityCagayan_98233.csv
ViracSynopCatanduanes_98446.xlsx	ViracCatanduanes_98446.csv
ZamboangaCityZamboangaDelSur_98836.xlsx	ZamboangaCityZamboangaDelSur_98836.csv

### Samoa, 1991-2020 Climatological Normals

The WMO Member provided Normals data for two (2) stations in individual CSV files.

Excel Files	CSV Files
N/A	Samoa_Afiamalu_76204.csv Samoa_Apia_76200.csv

### **Singapore, 1991-2020 Climatological Normals**

The WMO Member provided data for one (1) station in a single Excel file. NCEI converted the Excel file to a Comma Separated Values (CSV) file to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel file is provided along with the CSV file.

<b>Excel Files</b>	<b>CSV Files</b>
ChangiAirport_48698.xlsx	ChangiAirport_48698.csv

### **Solomon Islands, 1991-2020 Climatological Normals**

The WMO Member provided data for 3 stations in individual Excel files. NCEI converted the Excel files to Comma Separated Values (CSV) files to aid in quality control, mapping, and comparison to Normals from other countries.

The original Excel files are provided along with the CSV files.

<b>Excel Files</b>	<b>CSV Files</b>
Henderson_91520.xlsx	Henderson_91520.csv
Honiara_91517.xlsx	Honiara_91517.csv
Munda_91503.xlsx	Munda_91503.csv

## Tuvalu, 1991-2020 Climatological Normals

The WMO Member provided data for three (3) stations in three Comma Separated Values (CSV) files.

Excel Files	CSV Files
N/A	FUNAFUTI_AERO_91643.csv NANUMEA_IS_91631.csv NIULAKITA_IS_91648.csv