

Annex 2

Climate Projections for ARC3.2 Cities

Presented here are climate projections for the ARC3-2 cities. ARC3.2 Cities include Case Study Docking Station cities, UCCRN Regional Hub cities, UCCRN project cities, and cities of ARC3.2 Chapter Authors. The projections are for 3 future timeslices (30-year periods for temperature and precipitation, 10-year periods for sea level rise) centered on the given decade (2020s, 2050s, 2080s).

For each city, the range presented for each variable is the low-estimate (10th percentile) to high-estimate (90th percentile) across 35 GCMs and 2 RCPs for temperature and precipitation projections. Sea level rise projections are based on a 4-component methodology which uses data from 24 GCMs and 2 RCPs and values are presented for only coastal cities. Presented are the low-estimate (10th percentile) to high-estimate (90th percentile).

a. 2020s

Aalborg	+0.5 to 2.1°C	-1 to +11%	
Abu Dhabi	+0.9 to 1.7°C	-25 to +33%	+4 to 19 cm
Accra	+0.7 to 1.1°C	-8 to +10%	+5 to 19 cm
Addis Ababa	+0.7 to 1.5°C	-7 to +10%	
Ahmedabad	+0.7 to 1.4°C	-6 to +37%	
Almada	+0.4 to 1.2°C	-14 to +1%	
Antofagasta	+0.6 to 1.3°C	-26 to +8%	+4 to 17 cm
Antwerp	+0.5 to 1.8°C	-2 to +8%	+4 to 22 cm
Athens	+0.8 to 1.7°C	-12 to +6%	+4 to 16 cm
Atlanta	+0.8 to 1.6°C	-2 to +9%	
Bangalore	+0.6 to 1.2°C	-7 to +13%	
Bangkok	+0.7 to 1.3°C	-8 to +6%	+4 to 17 cm
Bath	+0.4 to 1.6°C	-3 to +6%	
Berkeley	+0.6 to 1.4°C	-8 to +12%	
Berlin	+0.6 to 2.1°C	-2 to +11%	
Bilbao	+0.5 to 1.6°C	-8 to +2%	
Bobo-Dioulasso	+0.8 to 1.5°C	-3 to +10%	
Boston	+0.9 to 1.9°C	0 to +10%	+4 to 23 cm
Boulder	+0.8 to 1.9°C	-4 to +8%	
Brisbane	+0.6 to 1.1°C	-10 to +8%	+4 to 18 cm
Brussels	+0.5 to 1.8°C	-3 to +8%	
Buenos Aires	+0.3 to 1°C	-1 to +13%	+4 to 16 cm
Cairo	+0.8 to 1.8°C	-22 to +17%	
Calgary	+0.9 to 2°C	-1 to +12%	

Can Tho	+0.7 to 1.1°C	-5 to +7%	+3 to 17 cm
Canberra	+0.7 to 1.2°C	-7 to +8%	
Cape Town	+0.5 to 1°C	-12 to -1%	+5 to 17 cm
Chula Vista	+0.7 to 1.5°C	-14 to +12%	+3 to 18 cm
Colombo	+0.6 to 1.1°C	-4 to +11%	+4 to 19 cm
Copenhagen	+0.6 to 2°C	-2 to +13%	+4 to 22 cm
Cubatao	+0.6 to 1.3°C	-5 to +9%	+5 to 18 cm
Curitiba	+0.5 to 1.2°C	-4 to +9%	
Dakar	+0.6 to 1.1°C	-22 to +14%	+5 to 17 cm
Dar es Salaam	+0.6 to 1.1°C	-11 to +9%	+5 to 19 cm
Delhi	+0.5 to 1.5°C	-9 to +25%	
Denver	+0.8 to 1.9°C	-4 to +7%	
Dhaka	+0.5 to 1.3°C	-4 to +16%	+3 to 19 cm
Dublin	+0.2 to 1.4°C	-2 to +8%	+4 to 21 cm
Durban	+0.6 to 1.2°C	-5 to +6%	+4 to 18 cm
Enschede	+0.5 to 1.9°C	-2 to +9%	
Faisalabad	+0.7 to 1.7°C	-17 to +28%	
Fort Lauderdale	+0.6 to 1.2°C	-4 to +9%	+5 to 20 cm
Geneva	+0.7 to 1.9°C	-5 to +6%	
Genoa	+0.7 to 1.9°C	-9 to +5%	+4 to 16 cm
Glasgow	+0.3 to 1.5°C	-1 to +6%	
Gold Coast	+0.6 to 1.1°C	-11 to +6%	+4 to 18 cm
Gorakhpur	+0.5 to 1.6°C	-14 to +27%	
Gothenburg	+0.4 to 1.7°C	0 to +9%	+5 to 22 cm
Gunnison	+0.7 to 1.9°C	-7 to +8%	
Hayama	+0.7 to 1.3°C	-4 to +5%	+3 to 19 cm
Helsinki	+0.9 to 2.5°C	1 to +11%	+4 to 25 cm
Hoboken	+0.9 to 1.8°C	-1 to +10%	
Hong Kong	+0.6 to 1.1°C	-7 to +7%	+5 to 18 cm
Hyderabad	+0.6 to 1.3°C	-5 to +16%	
Indore	+0.8 to 1.4°C	-5 to +32%	
Istanbul	+0.8 to 2°C	-7 to +7%	+4 to 16 cm
Jakarta	+0.7 to 1.2°C	-9 to +7%	+4 to 17 cm
Jena	+0.6 to 2°C	-2 to +10%	
Jerusalem	+0.8 to 1.8°C	-18 to +1%	
Johannesburg	+0.8 to 1.6°C	-8 to +4%	
Kampala	+0.5 to 1.4°C	-8 to +18%	
Kassel	+0.6 to 2°C	-2 to +10%	
Kathmandu	+0.6 to 1.4°C	-6 to +12%	
Kedarnath	+1 to 1.9°C	-10 to +12%	
Khulna	+0.5 to 1.3°C	-6 to +15%	+3 to 19 cm
Kingston	+0.6 to 1.1°C	-11 to +9%	+4 to 19 cm

Kunshan	+0.7 to 1.6°C	-5 to +5%	+3 to 19 cm
La Ceiba	+0.7 to 1.2°C	-11 to +13%	+5 to 18 cm
Lagos	+0.6 to 1.1°C	-4 to +9%	+5 to 19 cm
Leipzig	+0.6 to 2.1°C	-2 to +10%	
Leusden	+0.5 to 1.8°C	-1 to +9%	
Leuven	+0.5 to 1.9°C	-2 to +8%	
Lima	+0.8 to 1.4°C	-6 to +19%	+4 to 17 cm
Lismore	+0.6 to 1.1°C	-9 to +5%	
London	+0.4 to 1.6°C	-3 to +6%	+5 to 22 cm
Los Angeles	+0.7 to 1.5°C	-12 to +13%	+4 to 18 cm
Makassar	+0.6 to 1°C	-8 to +5%	+4 to 17 cm
Manchester	+0.4 to 1.6°C	-2 to +8%	
Manila	+0.6 to 1.1°C	-6 to +8%	+3 to 19 cm
Maputo	+0.7 to 1.2°C	-10 to +8%	+5 to 19 cm
Masdar	+0.9 to 1.7°C	-31 to +43%	+4 to 19 cm
Matara	+0.6 to 1°C	-2 to +11%	+4 to 19 cm
Medellin	+0.7 to 1.3°C	-2 to +10%	
Mediterranean Spain (Ebro Delta)	+0.7 to 1.8°C	-15 to +5%	+4 to 17 cm
Melbourne	+0.6 to 1.1°C	-9 to +4%	+4 to 17 cm
Mexico City	+0.8 to 1.5°C	-9 to +6%	
Miami	+0.6 to 1.2°C	-4 to +9%	+5 to 20 cm
Middelfart	+0.5 to 2°C	-2 to +10%	+4 to 22 cm
Montreal	+1 to 2.2°C	0 to +9%	
Moscow	+1.1 to 2.6°C	0 to +14%	
Multan	+0.8 to 1.6°C	-21 to +32%	
Mumbai	+0.7 to 1.2°C	-5 to +26%	+4 to 19 cm
Nairobi	+0.7 to 1.4°C	-6 to +25%	
Nanjing	+0.7 to 1.5°C	-5 to +7%	
Naples	+0.7 to 1.7°C	-10 to +4%	+4 to 17 cm
New Brunswick	+0.9 to 1.8°C	-1 to +12%	
Newcastle upon Tyne	+0.4 to 1.6°C	-1 to +8%	
New Songdo City	+0.7 to 1.7°C	-3 to +11%	+3 to 20 cm
New York City	+0.9 to 1.8°C	-1 to +10%	+4 to 23 cm
Newark	+0.9 to 1.8°C	0 to +11%	
Norfolk	+0.7 to 1.7°C	-3 to +9%	+4 to 24 cm
Nova Friburgo	+0.6 to 1.1°C	-10 to +8%	
Ottawa	+1 to 2.3°C	0 to +10%	
Oujda	+0.9 to 1.7°C	-20 to -1%	
Paris	+0.5 to 1.8°C	-4 to +5%	

Paveh	+1 to 1.9°C	-12 to +8%	
Peshawar	+0.9 to 1.9°C	-16 to +15%	
Philadelphia	+0.9 to 1.8°C	0 to +12%	
Phitsanulok	+0.7 to 1.3°C	-7 to +6%	
Portmore	+0.6 to 1.1°C	-11 to +9%	+4 to 19 cm
Quito	+0.8 to 1.3°C	-4 to +11%	
Rawalpindi	+0.7 to 1.8°C	-18 to +18%	
Rio de Janeiro	+0.5 to 1.1°C	-10 to +7%	+4 to 18 cm
Rome	+0.7 to 1.9°C	-9 to +5%	
Rotterdam	+0.4 to 1.7°C	-1 to +9%	+4 to 22 cm
San Diego	+0.6 to 1.3°C	-13 to +12%	+4 to 18 cm
San Francisco	+0.6 to 1.3°C	-8 to +12%	+4 to 18 cm
San Jose, Costa Rica	+0.7 to 1.3°C	-11 to +14%	
Santa Fe	+0.4 to 1.1°C	-3 to +11%	
Santiago	+0.5 to 1.3°C	-20 to +5%	
Santo Domingo	+0.7 to 1.2°C	-15 to +6%	+4 to 17 cm
Sao Paulo	+0.6 to 1.3°C	-5 to +8%	
Seattle	+0.8 to 2°C	-4 to +7%	+4 to 18 cm
Semarang	+0.7 to 1.2°C	-10 to +5%	+4 to 17 cm
Seoul	+0.7 to 1.7°C	-3 to +11%	
Shanghai	+0.7 to 1.6°C	-5 to +7%	+3 to 19 cm
Shenzhen	+0.6 to 1.3°C	-9 to +7%	+5 to 18 cm
Shimla	+0.9 to 1.9°C	-9 to +13%	
Singapore	+0.6 to 1.1°C	-5 to +5%	+4 to 17 cm
Sintra	+0.5 to 1.5°C	-15 to +1%	
Somerville	+0.9 to 1.9°C	0 to +10%	
St. Peters	+0.9 to 1.9°C	-2 to +8%	
Surat	+0.7 to 1.3°C	-5 to +38%	+4 to 19 cm
Sydney	+0.7 to 1.2°C	-7 to +8%	+5 to 20 cm
Tacloban	+0.6 to 1°C	-3 to +10%	+3 to 19 cm
Tangerang Seltan	+0.7 to 1.2°C	-9 to +7%	+3 to 19 cm
Tehran	+1 to 1.8°C	-8 to +9%	
Tempe	+0.9 to 1.8°C	-13 to +7%	
Tokyo	+0.7 to 1.4°C	-5 to +5%	+3 to 19 cm
Toronto	+1 to 2.2°C	-1 to +9%	
Townsville	+0.7 to 1.2°C	-16 to +10%	+4 to 18 cm
Trondheim	+0.5 to 2.3°C	1 to +12%	+5 to 23 cm
Tsukuba	+0.7 to 1.5°C	-5 to +5%	
Tucson	+0.8 to 1.8°C	-13 to +8%	
Udon Thani	+0.7 to 1.2°C	-8 to +7%	
Venice	+0.7 to 2.1°C	-7 to +7%	+4 to 16 cm

Victoria	+0.7 to 1.8°C	-2 to +7%	+4 to 18 cm
Vienna	+0.8 to 2.2°C	-5 to +9%	
Warsaw	+0.7 to 2.2°C	-1 to +13%	
Washington, D.C.	+0.8 to 1.7°C	-1 to +11%	
Waterloo	+0.5 to 1.5°C	-2 to +7%	
White Plains	+0.9 to 1.8°C	-2 to +11%	
Windsor	+0.9 to 2.1°C	-2 to +10%	

b. 2050s

Aalborg	+1.1 to 3.7°C	-1 to +14%	
Abu Dhabi	+1.6 to 3.4°C	-32 to +49%	+15 to 60 cm
Accra	+1.2 to 2.4°C	-12 to +11%	+17 to 58 cm
Addis Ababa	+1.4 to 3.3°C	-6 to +16%	
Ahmedabad	+1.6 to 3.1°C	-5 to +53%	
Almada	+0.8 to 2.3°C	-26 to -2%	
Antofagasta	+1.2 to 2.9°C	-35 to +30%	+13 to 55 cm
Antwerp	+1.1 to 3°C	-3 to +12%	+18 to 70 cm
Athens	+1.4 to 3.1°C	-22 to +4%	+15 to 55 cm
Atlanta	+1.6 to 3.1°C	-2 to +13%	
Bangalore	+1.3 to 2.6°C	-5 to +18%	
Bangkok	+1.2 to 2.8°C	-9 to +14%	+15 to 57 cm
Bath	+1 to 2.7°C	-4 to +9%	
Berkeley	+1.2 to 2.9°C	-13 to +13%	
Berlin	+1.3 to 3.6°C	-2 to +16%	
Bilbao	+1.1 to 3°C	-15 to -2%	
Bobo-Dioulasso	+1.4 to 3.2°C	-7 to +12%	
Boston	+1.6 to 3.9°C	0 to +14%	+16 to 70 cm
Boulder	+1.7 to 3.8°C	-4 to +10%	
Brisbane	+1.2 to 2.2°C	-15 to +7%	+15 to 58 cm
Brussels	+1.2 to 3°C	-4 to +12%	
Buenos Aires	+0.8 to 2°C	-1 to +15%	+14 to 54 cm
Cairo	+1.5 to 3.4°C	-31 to +9%	
Calgary	+1.7 to 3.9°C	-1 to +17%	
Can Tho	+1.2 to 2.2°C	-3 to +15%	+14 to 58 cm
Canberra	+1.4 to 2.5°C	-10 to +10%	
Cape Town	+1 to 1.9°C	-23 to -5%	+16 to 57 cm
Chula Vista	+1.3 to 3.1°C	-20 to +11%	+14 to 56 cm
Colombo	+1.1 to 2.3°C	-2 to +19%	+14 to 59 cm
Copenhagen	+1.2 to 3.7°C	-1 to +18%	+16 to 70 cm
Cubatao	+1.1 to 2.6°C	-6 to +15%	+14 to 56 cm
Curitiba	+1 to 2.4°C	-3 to +16%	
Dakar	+1.1 to 2.3°C	-31 to +27%	+15 to 56 cm
Dar es Salaam	+1.2 to 2.1°C	-14 to +13%	+15 to 60 cm
Delhi	+1.5 to 3.3°C	-13 to +28%	
Denver	+1.8 to 3.8°C	-6 to +8%	
Dhaka	+1.2 to 3°C	-5 to +30%	+14 to 57 cm
Dublin	+0.7 to 2.5°C	-2 to +12%	+15 to 65 cm
Durban	+1.2 to 2.3°C	-9 to +7%	+14 to 58 cm

Enschede	+1.2 to 3.2°C	-3 to +13%	
Faisalabad	+1.7 to 3.7°C	-21 to +34%	
Fort Lauderdale	+1.2 to 2.5°C	-5 to +12%	+15 to 62 cm
Geneva	+1.3 to 3.5°C	-8 to +6%	
Genoa	+1.4 to 3.5°C	-14 to +4%	+15 to 56 cm
Glasgow	+0.8 to 2.6°C	0 to +10%	
Gold Coast	+1.1 to 2.2°C	-14 to +6%	+15 to 58 cm
Gorakhpur	+1.6 to 3.3°C	-19 to +33%	
Gothenburg	+0.8 to 2.8°C	0 to +13%	+17 to 70 cm
Gunnison	+1.8 to 3.8°C	-8 to +9%	
Hayama	+1.4 to 3°C	-2 to +11%	+13 to 65 cm
Helsinki	+1.6 to 4.5°C	3 to +16%	+18 to 75 cm
Hoboken	+1.7 to 3.7°C	1 to +13%	
Hong Kong	+1.1 to 2.5°C	-5 to +13%	+15 to 60 cm
Hyderabad	+1.4 to 2.9°C	-3 to +30%	
Indore	+1.5 to 3.1°C	-7 to +47%	
Istanbul	+1.4 to 3.4°C	-15 to +5%	+15 to 55 cm
Jakarta	+1.2 to 2.5°C	-11 to +12%	+14 to 58 cm
Jena	+1.3 to 3.5°C	-2 to +13%	
Jerusalem	+1.6 to 3.4°C	-27 to -1%	
Johannesburg	+1.6 to 3.2°C	-10 to +7%	
Kampala	+0.9 to 2.9°C	-9 to +26%	
Kassel	+1.3 to 3.5°C	-3 to +13%	
Kathmandu	+1.4 to 3°C	-4 to +24%	
Kedarnath	+1.9 to 4.2°C	-12 to +10%	
Khulna	+1 to 2.8°C	-6 to +34%	+14 to 57 cm
Kingston	+1.1 to 2.2°C	-23 to +2%	+14 to 57 cm
Kunshan	+1.5 to 3.3°C	-3 to +10%	+13 to 59 cm
La Ceiba	+1.2 to 2.4°C	-20 to +14%	+15 to 59 cm
Lagos	+1.1 to 2.6°C	-10 to +10%	+16 to 58 cm
Leipzig	+1.3 to 3.5°C	-1 to +14%	
Leusden	+1.1 to 2.9°C	-2 to +13%	
Leuven	+1.1 to 3.1°C	-3 to +12%	
Lima	+1.4 to 2.9°C	-7 to +33%	+14 to 55 cm
Lismore	+1.2 to 2.2°C	-13 to +7%	
London	+1 to 2.7°C	-4 to +10%	+17 to 70 cm
Los Angeles	+1.4 to 2.9°C	-20 to +9%	+14 to 56 cm
Makassar	+1.1 to 2.1°C	-10 to +11%	+15 to 58 cm
Manchester	+0.9 to 2.8°C	-3 to +11%	
Manila	+1.1 to 2.1°C	-3 to +14%	+14 to 60 cm
Maputo	+1.3 to 2.6°C	-15 to +8%	+15 to 58 cm
Masdar	+1.7 to 3.6°C	-32 to +58%	+15 to 60 cm

Matara	+1.1 to 2.1°C	2 to +20%	+14 to 59 cm
Medellin	+1.4 to 2.8°C	-4 to +14%	
Mediterranean Spain (Ebro Delta)	+1.3 to 3.2°C	-16 to +3%	+15 to 57 cm
Melbourne	+1.3 to 2.2°C	-14 to +5%	+12 to 56 cm
Mexico City	+1.5 to 3°C	-14 to +7%	
Miami	+1.2 to 2.4°C	-5 to +11%	+15 to 62 cm
Middelfart	+1.1 to 3.6°C	-2 to +12%	+16 to 70 cm
Montreal	+2.1 to 4.2°C	1 to +15%	
Moscow	+1.8 to 4.7°C	-1 to +19%	
Multan	+1.9 to 3.7°C	-18 to +40%	
Mumbai	+1.3 to 2.5°C	-2 to +43%	+15 to 58 cm
Nairobi	+1.3 to 2.6°C	-10 to +41%	
Nanjing	+1.6 to 3.4°C	-3 to +12%	
Naples	+1.3 to 3.3°C	-17 to +1%	+15 to 56 cm
New Brunswick	+1.7 to 3.6°C	1 to +13%	
Newcastle upon Tyne	+0.9 to 2.8°C	-1 to +10%	
New Songdo City	+1.6 to 3.4°C	1 to +19%	+13 to 60 cm
New York City	+1.7 to 3.7°C	1 to +13%	+16 to 71 cm
Newark	+1.8 to 3.5°C	1 to +14%	
Norfolk	+1.6 to 3.2°C	-2 to +13%	+15 to 67 cm
Nova Friburgo	+1 to 2.3°C	-14 to +12%	
Ottawa	+2 to 4.4°C	2 to +15%	
Oujda	+1.6 to 3.5°C	-29 to -5%	
Paris	+1.3 to 3.2°C	-6 to +8%	
Paveh	+1.9 to 3.9°C	-22 to +9%	
Peshawar	+1.8 to 3.9°C	-20 to +20%	
Philadelphia	+1.8 to 3.5°C	1 to +13%	
Phitsanulok	+1.3 to 2.8°C	-3 to +16%	
Portmore	+1.1 to 2.2°C	-21 to +4%	+14 to 57 cm
Quito	+1.3 to 2.6°C	-4 to +19%	
Rawalpindi	+1.8 to 3.9°C	-21 to +23%	
Rio de Janeiro	+1 to 2.1°C	-14 to +10%	+15 to 56 cm
Rome	+1.5 to 3.5°C	-16 to +3%	
Rotterdam	+1.1 to 2.9°C	-2 to +14%	+18 to 70 cm
San Diego	+1.3 to 2.7°C	-20 to +11%	+14 to 56 cm
San Francisco	+1.2 to 2.8°C	-12 to +14%	+14 to 56 cm
San Jose, Costa Rica	+1.2 to 2.6°C	-20 to +18%	
Santa Fe	+0.9 to 2.2°C	-4 to +16%	
Santiago	+1.2 to 2.5°C	-31 to -1%	

Santo Domingo	+1.1 to 2.4°C	-26 to +2%	+14 to 56 cm
Sao Paulo	+1.2 to 2.6°C	-6 to +13%	
Seattle	+1.4 to 3.7°C	-3 to +10%	+14 to 56 cm
Semarang	+1.1 to 2.4°C	-12 to +12%	+14 to 58 cm
Seoul	+1.5 to 3.4°C	1 to +19%	
Shanghai	+1.4 to 3.1°C	-2 to +9%	+13 to 59 cm
Shenzhen	+1.2 to 2.8°C	-6 to +12%	+15 to 60 cm
Shimla	+1.9 to 3.9°C	-13 to +17%	
Singapore	+1.1 to 2.3°C	-5 to +12%	+15 to 58 cm
Sintra	+0.9 to 2.7°C	-28 to -2%	
Somerville	+1.7 to 3.9°C	1 to +14%	
St. Peters	+1.8 to 4°C	-3 to +11%	
Surat	+1.4 to 2.9°C	-2 to +49%	+15 to 58 cm
Sydney	+1.3 to 2.4°C	-9 to +11%	+16 to 64 cm
Tacloban	+1.1 to 2.1°C	0 to +15%	+14 to 61 cm
Tangerang Seltan	+1.2 to 2.5°C	-11 to +12%	+14 to 57 cm
Tehran	+1.9 to 3.6°C	-12 to +11%	
Tempe	+1.7 to 3.5°C	-17 to +6%	
Tokyo	+1.4 to 3°C	-5 to +11%	+13 to 65 cm
Toronto	+2.1 to 4.2°C	2 to +12%	
Townsville	+1.1 to 2.3°C	-19 to +16%	+16 to 58 cm
Trondheim	+1.4 to 3.9°C	5 to +19%	+17 to 70 cm
Tsukuba	+1.4 to 3°C	-5 to +9%	
Tucson	+1.7 to 3.4°C	-14 to +7%	
Udon Thani	+1.4 to 2.8°C	-7 to +13%	
Venice	+1.4 to 3.6°C	-10 to +8%	+15 to 56 cm
Victoria	+1.4 to 3.4°C	-1 to +10%	+14 to 56 cm
Vienna	+1.4 to 3.9°C	-5 to +11%	
Warsaw	+1.5 to 3.9°C	-3 to +13%	
Washington, D.C.	+1.7 to 3.5°C	1 to +14%	
Waterloo	+1.2 to 2.9°C	2 to +13%	
White Plains	+1.7 to 3.6°C	0 to +13%	
Windsor	+2 to 3.9°C	0 to +14%	

c. 2080s

Aalborg	+1.6 to 5.4°C	1 to +22%	
Abu Dhabi	+1.9 to 5.6°C	-39 to +78%	+23 to 124 cm
Accra	+1.4 to 3.9°C	-15 to +15%	+23 to 119 cm
Addis Ababa	+1.8 to 5.3°C	-3 to +28%	
Ahmedabad	+1.9 to 5°C	-9 to +90%	
Almada	+1.3 to 3.4°C	-39 to -5%	
Antofagasta	+1.4 to 4.6°C	-29 to +47%	+20 to 116 cm
Antwerp	+1.5 to 4.9°C	-5 to +14%	+25 to 140 cm
Athens	+1.7 to 4.9°C	-33 to +2%	+22 to 116 cm
Atlanta	+2.1 to 5.1°C	-4 to +16%	
Bangalore	+1.5 to 4.5°C	-1 to +45%	
Bangkok	+1.5 to 4.7°C	-12 to +25%	+21 to 122 cm
Bath	+1.3 to 4.4°C	-6 to +11%	
Berkeley	+1.5 to 4.5°C	-13 to +21%	
Berlin	+1.7 to 5.6°C	-4 to +18%	
Bilbao	+1.4 to 4.7°C	-22 to -3%	
Bobo-Dioulasso	+1.8 to 5.6°C	-11 to +15%	
Boston	+2.2 to 6.1°C	3 to +19%	+23 to 141 cm
Boulder	+2 to 6.1°C	-7 to +12%	
Brisbane	+1.4 to 3.9°C	-21 to +11%	+23 to 124 cm
Brussels	+1.5 to 4.9°C	-6 to +14%	
Buenos Aires	+1.2 to 3.5°C	0 to +21%	+19 to 115 cm
Cairo	+1.8 to 5.4°C	-42 to +10%	
Calgary	+2.1 to 6.2°C	-5 to +18%	
Can Tho	+1.4 to 3.7°C	-5 to +24%	+21 to 122 cm
Canberra	+1.6 to 4.3°C	-14 to +9%	
Cape Town	+1.2 to 3.4°C	-32 to -7%	+22 to 118 cm
Chula Vista	+1.8 to 4.9°C	-25 to +15%	+21 to 118 cm
Colombo	+1.4 to 3.8°C	3 to +30%	+22 to 122 cm
Copenhagen	+1.7 to 5.4°C	1 to +23%	+25 to 140 cm
Cubatao	+1.5 to 4.3°C	-7 to +23%	+22 to 118 cm
Curitiba	+1.5 to 3.9°C	-2 to +25%	
Dakar	+1.4 to 3.8°C	-41 to +43%	+22 to 118 cm
Dar es Salaam	+1.5 to 3.7°C	-19 to +22%	+22 to 122 cm
Delhi	+2 to 5.6°C	-11 to +38%	
Denver	+2 to 6.1°C	-7 to +9%	
Dhaka	+1.4 to 4.9°C	-6 to +41%	+21 to 122 cm
Dublin	+0.9 to 3.9°C	-2 to +14%	+24 to 131 cm

Durban	+1.5 to 3.9°C	-10 to +11%	+20 to 118 cm
Enschede	+1.5 to 5.2°C	-4 to +17%	
Faisalabad	+2.3 to 5.9°C	-24 to +36%	
Fort Lauderdale	+1.4 to 4°C	-11 to +13%	+21 to 123 cm
Geneva	+2 to 5.8°C	-11 to +8%	
Genoa	+1.9 to 5.6°C	-17 to +4%	+22 to 118 cm
Glasgow	+1.2 to 4.1°C	1 to +12%	
Gold Coast	+1.4 to 3.6°C	-21 to +10%	+23 to 124 cm
Gorakhpur	+2 to 5.6°C	-15 to +41%	
Gothenburg	+1.2 to 4.1°C	1 to +20%	+24 to 140 cm
Gunnison	+2.1 to 6.2°C	-10 to +10%	
Hayama	+1.7 to 4.8°C	-4 to +13%	+20 to 129 cm
Helsinki	+2.4 to 6.9°C	4 to +24%	+26 to 148 cm
Hoboken	+2.1 to 5.7°C	2 to +19%	
Hong Kong	+1.5 to 4.1°C	-5 to +21%	+22 to 123 cm
Hyderabad	+1.6 to 4.9°C	1 to +48%	
Indore	+1.9 to 5.2°C	-5 to +73%	
Istanbul	+1.6 to 5.3°C	-21 to +9%	+22 to 116 cm
Jakarta	+1.4 to 4°C	-13 to +21%	+21 to 122 cm
Jena	+1.8 to 5.5°C	-4 to +16%	
Jerusalem	+1.9 to 5.4°C	-41 to -5%	
Johannesburg	+2.1 to 5.7°C	-14 to +6%	
Kampala	+1.4 to 4.7°C	-8 to +44%	
Kassel	+1.8 to 5.4°C	-4 to +16%	
Kathmandu	+1.8 to 5.2°C	-3 to +33%	
Kedarnath	+2.3 to 6.8°C	-13 to +20%	
Khulna	+1.4 to 4.8°C	-5 to +38%	+21 to 122 cm
Kingston	+1.3 to 3.6°C	-38 to +5%	+20 to 119 cm
Kunshan	+1.9 to 5.6°C	-2 to +15%	+21 to 122 cm
La Ceiba	+1.4 to 4°C	-35 to +23%	+21 to 122 cm
Lagos	+1.5 to 4.4°C	-12 to +14%	+23 to 120 cm
Leipzig	+1.8 to 5.5°C	-3 to +16%	
Leusden	+1.4 to 4.7°C	-4 to +16%	
Leuven	+1.5 to 5.1°C	-5 to +14%	
Lima	+1.7 to 4.7°C	-6 to +63%	+21 to 117 cm
Lismore	+1.5 to 3.8°C	-17 to +10%	
London	+1.4 to 4.5°C	-6 to +11%	+24 to 139 cm
Los Angeles	+1.7 to 4.9°C	-21 to +15%	+21 to 118 cm
Makassar	+1.3 to 3.6°C	-13 to +16%	+22 to 122 cm
Manchester	+1.3 to 4.5°C	-5 to +15%	
Manila	+1.4 to 3.6°C	-3 to +21%	+21 to 124 cm
Maputo	+1.6 to 4.3°C	-18 to +9%	+22 to 120 cm

Masdar	+2.1 to 6°C	-38 to +81%	+23 to 124 cm
Matara	+1.4 to 3.7°C	1 to +32%	+22 to 122 cm
Medellin	+1.7 to 4.6°C	-6 to +16%	
Mediterranean Spain (Ebro Delta)	+1.8 to 5.1°C	-24 to +3%	+22 to 119 cm
Melbourne	+1.5 to 3.9°C	-20 to +3%	+18 to 116 cm
Mexico City	+1.8 to 5.1°C	-23 to +7%	
Miami	+1.4 to 4°C	-11 to +11%	+21 to 123 cm
Middelfart	+1.4 to 5.2°C	1 to +20%	+25 to 140 cm
Montreal	+2.4 to 6.9°C	4 to +19%	
Moscow	+2.6 to 7.1°C	1 to +25%	
Multan	+2.3 to 6.1°C	-24 to +41%	
Mumbai	+1.6 to 4.4°C	-2 to +64%	+23 to 122 cm
Nairobi	+1.6 to 4.4°C	-7 to +66%	
Nanjing	+1.9 to 5.7°C	-1 to +18%	
Naples	+1.8 to 5.3°C	-25 to +2%	+22 to 116 cm
New Brunswick	+2.2 to 5.6°C	2 to +19%	
Newcastle upon Tyne	+1.3 to 4.3°C	-2 to +15%	
New Songdo City	+2 to 5.5°C	5 to +25%	+20 to 124 cm
New York City	+2.1 to 5.7°C	2 to +19%	+23 to 139 cm
Newark	+2.2 to 5.6°C	2 to +19%	
Norfolk	+2 to 5.1°C	-2 to +16%	+23 to 129 cm
Nova Friburgo	+1.4 to 4.1°C	-21 to +13%	
Ottawa	+2.4 to 6.9°C	3 to +19%	
Oujda	+2.1 to 5.7°C	-44 to -7%	
Paris	+1.6 to 5.2°C	-9 to +7%	
Paveh	+2.4 to 6.3°C	-31 to +9%	
Peshawar	+2.4 to 6.1°C	-27 to +21%	
Philadelphia	+2.3 to 5.6°C	2 to +19%	
Phitsanulok	+1.5 to 4.6°C	-4 to +24%	
Portmore	+1.3 to 3.6°C	-38 to +6%	+20 to 119 cm
Quito	+1.6 to 4.4°C	-6 to +30%	
Rawalpindi	+2.3 to 5.9°C	-24 to +20%	
Rio de Janeiro	+1.3 to 3.7°C	-21 to +16%	+21 to 118 cm
Rome	+2 to 5.6°C	-22 to +2%	
Rotterdam	+1.4 to 4.6°C	-3 to +16%	+25 to 140 cm
San Diego	+1.7 to 4.3°C	-25 to +15%	+21 to 118 cm
San Francisco	+1.5 to 4.4°C	-11 to +22%	+21 to 118 cm
San Jose, Costa Rica	+1.4 to 4.6°C	-33 to +22%	
Santa Fe	+1.1 to 3.7°C	-3 to +21%	

Santiago	+1.4 to 4.2°C	-44 to -3%	
Santo Domingo	+1.4 to 4°C	-39 to +7%	+20 to 117 cm
Sao Paulo	+1.6 to 4.3°C	-7 to +21%	
Seattle	+1.9 to 5.7°C	-1 to +12%	+21 to 118 cm
Semarang	+1.3 to 4°C	-17 to +18%	+21 to 122 cm
Seoul	+1.9 to 5.5°C	4 to +25%	
Shanghai	+1.8 to 4.9°C	-3 to +15%	+21 to 122 cm
Shenzhen	+1.6 to 4.6°C	-7 to +18%	+22 to 123 cm
Shimla	+2.2 to 5.9°C	-11 to +28%	
Singapore	+1.4 to 3.9°C	-4 to +18%	+21 to 122 cm
Sintra	+1.4 to 4°C	-38 to -5%	
Somerville	+2.2 to 6.1°C	3 to +19%	
St. Peters	+2.2 to 6°C	-4 to +14%	
Surat	+1.7 to 4.9°C	-4 to +100%	+23 to 122 cm
Sydney	+1.5 to 4.2°C	-13 to +13%	+24 to 128 cm
Tacloban	+1.4 to 3.5°C	-2 to +24%	+21 to 125 cm
Tangerang Seltan	+1.4 to 4°C	-13 to +21%	+21 to 122 cm
Tehran	+2.4 to 6°C	-19 to +14%	
Tempe	+2.1 to 5.8°C	-19 to +8%	
Tokyo	+1.7 to 4.8°C	-7 to +13%	+20 to 129 cm
Toronto	+2.4 to 6.7°C	0 to +17%	
Townsville	+1.4 to 4°C	-28 to +17%	+22 to 123 cm
Trondheim	+1.8 to 5.9°C	7 to +24%	+25 to 141 cm
Tsukuba	+1.7 to 4.8°C	-7 to +12%	
Tucson	+2 to 5.9°C	-22 to +10%	
Udon Thani	+1.6 to 4.8°C	-9 to +21%	
Venice	+1.9 to 5.8°C	-12 to +9%	+22 to 117 cm
Victoria	+2 to 5.6°C	0 to +13%	+21 to 118 cm
Vienna	+1.8 to 5.8°C	-7 to +12%	
Warsaw	+2 to 6°C	-2 to +17%	
Washington, D.C.	+2.2 to 5.4°C	2 to +20%	
Waterloo	+1.7 to 4.9°C	5 to +19%	
White Plains	+2.1 to 5.7°C	1 to +19%	
Windsor	+2.3 to 6.5°C	0 to +18%	