



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and
Astronomical Services Administration (PAGASA)



PAMPANGA RIVER BASIN FLOOD FORECASTING & WARNING CENTER (PRFFWC)
 DMGC, Bgy. Maimpis, City of San Fernando, Pampanga 2000, CP: 0999 336 6416; prffwcffb2009@gmail.com
 websites: pagasa.dost.gov.ph / prffwc.synthasite.com

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| FLOOD BULLETIN NO. 1 | |
| PAMPANGA RIVER BASIN & ALLIED RIVERS | |
| ISSUED AT 5:30 AM, 18 NOVEMBER 2024 | |
| (VALID UNTIL THE NEXT BULLETIN AT 5:30 PM TODAY) | |
| Average Basin Rainfall as of time of issuance | |
| Past 24-hr observed | Forecast 24-hr basin rainfall |
| 60.8 millimeters | 50-100 millimeters |
| BASIN'S LIKELY RESPONSE / RELATED IMPACTS & AREAS LIKELY TO BE AFFECTED | |
| | |
| Pampanga River at Sapang Buho Station (Pampanga) | Now at 4.27 m. below the 4.5 m. Alarm WL; slow recession ongoing and may likely to reach the 3.70 m. Alert WL status until this afternoon |
| Fluvial floods (riverside flooding)- Palayan City, Cabanatuan City and riverside barangays | |
| Pampanga River at San Isidro Station (Pampanga) | Now at 3.56 m. below the 5.00 m. Alert WL; slow rise and likely to reach Alert WL status until this afternoon |
| Pluvial floods (ponding of rainwater along roadways & croplands) – Jaen, San Isidro, Cabiao | |
| Pampanga River at Arayat Station (Pampanga) | Now at 3.41 m. below the 5.00 m Alert WL; slow rise and likely to reach the 5.00 m. Alert WL status until this afternoon |
| Pluvial floods (slightly submerged roads, croplands) in low-lying areas within - Cabiao, Arayat, San Simon, San Luis | |
| Candaba Swamp Area at Candaba station (Pampanga) | Last night at 2.66 m. (10PM) below the 3.50 m Alert WL; continue to slow filling-up of swamp waters and likely to reach the Alert WL until this afternoon |
| Pluvial floods (partly submerged roads, croplands) in some areas within the swamp; San Miguel, San Ildefonso, San Rafael, Candaba, San Luis, San Simon, Apalit | |
| Pampanga River at Sulipan Station; Pampanga Delta areas (Pasac-Guagua Sub-Basin) | Now at 1.83 m. below the 2.60 m Alert WL; fluctuating WL (tides & upstream flows); slow rise to reach the 2.60 m. Alert WL status for today. High tide is in effect tonight |
| Coastal & riverside floods (Fluvial) due to tides & from the relatively high upstream river flows towards the lower sections of Main Pampanga River affecting riverside areas of: Apalit, Macabebe, Masantol, Calumpit, Paombong and Hagonoy; Pluvial floods (partly submerged roads, croplands) affect the Pasac-Guagua areas of: Minalin, Guagua, Sasmuan, Lubao, Sto. Tomas and other adjacent coastal towns | |
| The public and the Local Disaster Risk Reduction and Management Councils (LDRRMOs) along the main Pampanga River are advised to undertake preparedness & response activities to mitigate the immediate and ongoing impacts of the prevailing hazards associated with TY Pepito; monitor heavy rainfall warnings, weather advisories, and other products issued by PAGASA. | |

Prepared by: GHH/RPY/RFD

Checked by NBN



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18 NOVEMBER 2024 05:30 AM

PAMPANGA RIVER BASIN HYDROLOGICAL SCENARIO MAP



PAMPANGA RIVER BASIN ASSESSMENT LEVEL (METERS) AS OF OCTOBER 2022

| STATION | ALERT | ALARM | CRITICAL |
|-------------|---------|---------|----------|
| SAPANG BUHO | 3.70 | 4.50 | 6.50 |
| MAYAPYAP | - | - | - |
| ZARAGOZA | 3.00 | 4.00 | 5.00 |
| PENARANDA | 2.50 ** | 3.50 ** | 4.50 ** |
| SAN ISIDRO | 5.00 | 6.00 | 8.00 |
| ARAYAT | 5.00 | 6.00 | 8.00 |
| CANDABA | 3.50 | 4.50 | 5.00 |
| MEXICO | 2.00 ** | 2.50 ** | 3.50 ** |
| SASMUAN | - | - | 3.50 |
| SULIPAN | 2.60 | 3.20 | 3.80 |

color green indicates that the water level is below the alert threshold initial value (for validation)

FLOOD SITUATION

- POSSIBLE
- THREATENING
- TO OCCUR
- PERSIST

RIVER TREND

- RISING
- NO CHANGES
- RECEDING
- FLUCTUATING

7-DAY HIGHTIDE SCHEDULE (NAVOTAS PORT)

| DAY | NOVEMBER 2024 |
|-----|-----------------------------|
| 17 | 10:06 PM / 1.31 m / 4.30 ft |
| 18 | 10:45 PM / 1.32 m / 4.33 ft |
| 19 | 11:27 PM / 1.27 m / 4.17 ft |
| 20 | *no data* |
| 21 | 12:14 AM / 1.18 m / 3.87 ft |
| 22 | 01:05 AM / 1.06 m / 3.48 ft |
| 23 | 02:01 AM / 0.93 m / 3.05 ft |