

Tropical cyclone warnings of Signal No. 8 or above issued by the Observatory during the passage of Dot in October 1964

Local Storm Warning issued at 1:20 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* was hoisted at 1:10 p.m., which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 1 p.m., Typhoon Dot was centred near 20.2 degrees north, 115.0 degrees east, that is about 140 miles south-southeast of Hong Kong. It appeared to be moving in a more northerly direction which would bring it to within 70 miles of Hong Kong.

Winds in the circulation are probably about 70 knots.

Winds over the Colony are generally strong and increasing. During the last hour, gusts of 66 knots have been recorded at Tate's Cairn and 44 knots at the Airport.

Local Storm Warning issued at 2:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 2 p.m., Typhoon Dot was centred near 20.3 degrees north, 115.0 degrees east, that is about 135 miles south-southeast of Hong Kong. It appeared to be moving in a more northerly direction which would bring it to within 60 miles of Hong Kong tomorrow morning.

Gale force winds have been reported about 50 miles south of Hong Kong.

Winds over the Colony are generally strong and increasing. During the last hour, gusts of 67 knots have been recorded at Tate's Cairn and 52 knots at the Airport.

Local Storm Warning issued at 3:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force

winds with mean speed 34 knots or more are expected from the northeast quarter.

At 3 p.m., Typhoon Dot was centred near 20.4 degrees north, 115.0 degrees east, that is about 130 miles south-southeast of Hong Kong. It appeared to be moving in a more northerly direction which would bring it to within 60 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre, and gale force winds have been reported about 50 miles south of Hong Kong.

Winds over the Colony are generally strong and increasing. Gusts of 67 knots have been recorded at Tate's Cairn and 52 knots at the Airport.

Local Storm Warning issued at 4:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 4 p.m., Typhoon Dot was centred near 20.6 degrees north, 115.0 degrees east, that is about 115 miles south-southeast of Hong Kong. It appeared to be moving in a north-northwesterly direction which would bring it to within 60 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre, and gale force winds have been reported about 50 miles south of Hong Kong.

Winds over the Colony are generally strong and increasing. During the last hour, gusts of 69 knots have been recorded at Tate's Cairn and 50 knots at Waglan.

Local Storm Warning issued at 5:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 5 p.m., Typhoon Dot was centred near 20.7 degrees north, 115.0 degrees east, that is about 105 miles south-southeast of Hong Kong. It appeared to be moving in a north-

northwesterly direction at about 7 knots which would bring it to within 60 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre of the typhoon.

Winds over the Colony are generally strong and increasing. Gusts of 69 knots have been recorded at Tate's Cairn and 51 knots at Cheung Chau.

Local Storm Warning issued at 6:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 6 p.m., Typhoon Dot was centred near 20.8 degrees north, 114.9 degrees east, that is about 100 miles south-southeast of Hong Kong. It appeared to be moving in a north-northwesterly direction at about 7 knots which would bring it to within 60 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre of the typhoon.

Winds over the Colony are generally strong and reaching gale force in exposed places. During the last hour, gusts of 74 knots have been recorded at Tate's Cairn and 49 knots at the Airport.

Local Storm Warning issued at 7:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 7 p.m., Typhoon Dot was centred near 20.9 degrees north, 114.9 degrees east, that is about 95 miles south-southeast of Hong Kong. It appeared to be moving in a north-northwesterly direction at about 7 knots which would bring it to within 50 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre of the typhoon.

Winds over the Colony are generally strong and reaching gale force in exposed places. Gusts of 74 knots have been recorded at Tate's Cairn and 53 knots at the Airport. The sea level is expected to rise 4 to 5 feet above normal high tide level about midnight, but waves can be much higher still.

Local Storm Warning issued at 8:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 8 p.m., Typhoon Dot was centred near 21.0 degrees north, 114.8 degrees east, that is about 90 miles south-southeast of Hong Kong. It appeared to be moving in a north-northwesterly direction at about 7 knots which would bring it to within 50 miles of Hong Kong tomorrow morning.

Hurricane force winds have been reported by a ship about 40 miles from the centre of the typhoon.

Winds over the Colony are generally strong and reaching gale force in exposed places. During the last hour, gusts of 72 knots have been recorded at Tate's Cairn and 62 knots at Waglan. The sea level is expected to rise 4 to 5 feet above normal high tide level about midnight, but waves can be much higher still.

Local Storm Warning issued at 9:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 9 p.m., Typhoon Dot was centred near 21.0 degrees north, 114.9 degrees east, that is about 85 miles south-southeast of Hong Kong and was moving north-northwest or north at 7 knots.

Winds of 52 knots have been reported by ships about 20 miles southeast of Hong Kong.

If it continues on its present track it will pass within 50 miles of Hong Kong tomorrow morning.

Winds over the Colony are generally strong and reaching gale force in exposed places. Gusts of 87 knots have been recorded at Tate's Cairn and 54 knots at the Royal Observatory during the past hour. The sea level is expected to rise 4 to 5 feet above normal high tide level shortly after midnight, but waves may be considerably higher.

Local Storm Warning issued at 10:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 10 p.m., Typhoon Dot was centred near 21.1 degrees north, 114.9 degrees east, that is about 80 miles south-southeast of Hong Kong and was moving north-northwest at 7 knots.

Winds are hurricane force near the centre and 55 knots about 60 miles north of the centre.

If it continues on its present track it will pass within 40 miles of Hong Kong tomorrow morning.

Winds over the Colony are increasing and gusts of 94 knots have been recorded at Tate's Cairn and 58 knots at the Royal Observatory during the past hour. The sea level is expected to rise 4 to 5 feet above normal high tide level shortly after midnight.

Local Storm Warning issued at 11:30 p.m. on 12 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 11 p.m., Typhoon Dot was centred near 21.2 degrees north, 114.7 degrees east, that

is about 75 miles south-southeast of Hong Kong and was moving north-northwest at 6 knots. If it continues on its present track it will pass within 40 miles of Hong Kong tomorrow morning.

Winds of hurricane force have been reported near the edge of the eye of the typhoon which is about 50 miles in diameter.

Heavy rain during the night will probably cause flooding of low lying land.

Winds over the Colony are increasing and gusts of 84 knots have been recorded at Tate's Cairn and 65 knots at the Royal Observatory during the last hour. The sea level is expected to rise 4 to 5 feet above predicted levels and waves may be considerably higher. 2.2 inches of rainfall have been recorded at the Observatory in the last 24 hours.

Local Storm Warning issued at 0:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.7* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At midnight, Typhoon Dot was centred near 21.3 degrees north, 114.7 degrees east, that is about 65 miles south-southeast of Hong Kong and was moving north-northwest at 6 knots. If it continues on its present track it will pass within 40 miles of Hong Kong later this morning.

Winds of hurricane force have been reported near the edge of the eye of the typhoon which is about 50 miles in diameter.

Rainfall has become heavier during the last hour and will probably cause flooding of low lying areas.

Winds over the Colony are increasing. Gusts of 89 knots have been recorded at Tate's Cairn and 65 knots at the Royal Observatory during the last hour. The sea level is expected to rise 4 to 5 feet above predicted levels and waves may be considerably higher. 2.67 inches of rainfall have been recorded at the Observatory in the past 24 hours.

Local Storm Warning issued at 1:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.9 was hoisted at 1:30 a.m., which means that winds are expected to increase.

At 1 a.m., Typhoon Dot was centred near 21.4 degrees north, 114.7 degrees east, that is about 60 miles south-southeast of Hong Kong and was moving north-northwest at 6 knots. If it continues on its present track the centre will pass close to Hong Kong just before noon.

Winds of hurricane force have been reported near the edge of the eye which is about 50 miles in diameter.

Continuing heavy rain is expected to cause landslides and flooding of low lying land.

Winds over the Colony are increasing steadily and gusts of 75 knots have been recorded at Waglan Island and 74 knots at the Royal Observatory during the last hour. The sea level is expected to remain 4 to 5 feet above normal high tide level for the next few hours. 3.33 inches of rainfall have been recorded at the Observatory since local signals were hoisted.

Local Storm Warning issued at 2:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.9 is still hoisted, which means that winds are expected to increase.

At 2 a.m., Typhoon Dot was centred near 21.6 degrees north, 114.6 degrees east, that is about 50 miles south-southeast of Hong Kong and was moving north-northwest at 7 knots. If it continues on its present track the centre will pass very close to Hong Kong well before noon.

Winds of hurricane force have been reported near the edge of the eye of the typhoon which is about 50 miles in diameter.

Winds over the Colony are increasing steadily and gusts of 101 knots have been recorded at Tate's Cairn and 90 knots at Kai Tak during the last hour.

The sea level is expected to remain about 4 to 5 feet above normal high tide level for

the next few hours. 3.66 inches of rainfall have been recorded since local signals were hoisted and continuing heavy rain is expected to cause landslides and flooding of low lying land.

Listen into the warnings which are being broadcast at two minutes before each hour and at half past each hour and often more frequently. Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

Local Storm Warning issued at 3:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.9 is still hoisted, which means that winds are expected to increase.

At 3 a.m., Typhoon Dot was centred near 21.7 degrees north, 114.6 degrees east, that is about 45 miles south-southeast of Hong Kong and was moving north-northwest at 6 knots. If it continues on its present track the centre will pass very close to Hong Kong before noon.

The typhoon is quite intense and winds over the Colony are increasing steadily. Gusts of 108 knots have been recorded at Tate's Cairn and 84 knots at the Royal Observatory during the last hour.

The sea level is not expected to rise any further.

Listen into the warnings which are being broadcast at two minutes before each hour and at half past each hour and often more frequently. Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

3.87 inches of rainfall have been recorded at the Observatory since local signals were

hoisted and continuing heavy rain will cause landslides and flooding of low lying land.

Local Storm Warning issued at 4:00 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 was hoisted at 4:00 a.m., which means that typhoon force winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 4 a.m., Typhoon Dot was centred near 21.8 degrees north, 114.6 degrees east, that is about 38 miles southeast of the Observatory and was moving north-northwest at 6 knots. If it continues on its present track the centre will be crossing the Colony during the period 9 a.m. till midday. Since the eye of the typhoon is about 50 miles in diameter, there will be a lull in the wind lasting up to a few hours in some parts of the Colony. Hurricane force winds from the southwest will follow the passage of the eye.

The mean wind over the Colony is between 40 and 50 knots. Gusts of 108 knots have been recorded at Tate's Cairn and 84 knots at the Observatory. Continuing heavy rain will cause landslides and flooding of low lying land.

You are advised to listen into the warnings which are being broadcast at two minutes before each hour and at half past each hour and often more frequently. Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

Be prepared for the wind change later. Places which have been sheltered so far may suddenly become dangerously exposed.

Local Storm Warning issued at 4:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 was hoisted at 4:00 a.m., which means that typhoon force winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 4 a.m., Typhoon Dot was centred near 21.8 degrees north, 114.6 degrees east, that is about 38 miles southeast of the Observatory and was moving north-northwest at 6 knots.

If it continues on its present track the centre will be crossing the Colony during the period 9 a.m. till midday. Since the eye of the typhoon is about 50 miles in diameter, there will be a lull in the wind lasting up to a few hours in some parts of the Colony. Hurricane force winds from the southwest will follow the passage of the eye.

The mean wind over the Colony is between 40 and 50 knots. Gusts of 116 knots have been recorded at Tate's Cairn and 96 knots at Cape Collinson and Waglan.

Continuing heavy rain will cause landslides and flooding of low lying land.

Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

Be prepared for the wind change later. Places which have been sheltered so far may suddenly become dangerously exposed.

Local Storm Warning issued at 5:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 5 a.m., Typhoon Dot was centred near 21.9 degrees north, 114.5 degrees east, that is about 33 miles southeast of the Observatory and was moving north-northwest at 6 knots. If it continues on its present track the centre will be crossing the Colony during the period 9 a.m. until midday. Since the eye is about 50 miles in diameter, there will be a lull in the wind lasting up to a few hours in some parts of the Colony.

Winds over the Colony are generally of hurricane force. Gusts of 94 knots have been recorded at the Observatory and 103 knots at Cheung Chau during the last hour.

Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

Be prepared for the wind change later. Places which have been sheltered so far may suddenly become dangerously exposed.

Local Storm Warning issued at 6:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 6 a.m., Typhoon Dot was centred near 22.0 degrees north, 114.5 degrees east, that is about 27 miles southeast of the Observatory and was moving north-northwest at 6 knots. If it continues on its present track the centre will be crossing the Colony during the morning. Since the eye is about 50 miles in diameter, there will be a lull in the wind lasting up to a few hours in some parts of the Colony.

Gusts of 118 knots have been recorded at Tate's Cairn and 99 knots at Cheung Chau during the last hour.

Stay wherever you are if you are reasonably protected, and well above sea level. Make sure that the bolts on windows or doors are not working loose, particularly on the exposed side of the house if you can manage it without danger from breaking glass. Otherwise keep well away from the exposed windows. Do not touch loose electric wires. Decide where you will retreat if your protection fails.

Be prepared for the wind change later. Places which have been sheltered so far may suddenly become dangerously exposed.

Local Storm Warning issued at 7:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force

winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 7 a.m., Typhoon Dot was centred near 22.1 degrees north, 114.5 degrees east, that is about 25 miles east-southeast of the Observatory and was moving northwards at 6 knots on a track which will take it close to the east of the Colony.

Winds over the Colony are mainly north-northwest 40 to 50 knots. They are expected to change through west to southwest and to increase again to hurricane force later. Places which have previously been sheltered will become exposed. During the last hour, gusts of 112 knots have been recorded at Tate's Cairn and 96 knots at Cheung Chau. 9.83 inches of rainfall have been recorded at the Observatory since 6 a.m. yesterday morning.

Local Storm Warning issued at 8:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected from any direction as the centre passes over or near to the Colony.

At 8 a.m., Typhoon Dot was centred near 22.3 degrees north, 114.5 degrees east, that is about 20 miles east of the Observatory. It had increased in speed and was moving northwards close to the east of the Colony at 10 knots.

Winds over the Colony are northwesterly 35 to 50 knots. They are expected to change through west to southwest and to increase again to hurricane force later. Places which have previously been sheltered will become exposed. During the last hour, gusts of 76 knots have been recorded at Tate's Cairn and 99 knots at Cheung Chau. A minimum atmospheric pressure of 979 millibars was recorded at the Observatory at 7 a.m. and the pressure has been rising during the last hour. 11.77 inches of rainfall have been recorded at the Observatory since 6 a.m. yesterday morning.

Local Storm Warning issued at 9:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected as the centre passes near to the

Colony.

At 9 a.m., Typhoon Dot was centred near 22.4 degrees north, 114.5 degrees east, that is about 20 miles east-northeast of the Observatory. It was moving northwards at 10 knots away from the Colony into Bias Bay.

Winds over the Colony are west-northwest 45 to 70 knots. They are expected to change to southwest during the morning. During the last hour, gusts of 111 knots have been recorded at Cheung Chau and 88 knots at Waglan. A minimum atmospheric pressure of 979 millibars was recorded at the Observatory at 7 a.m. and the pressure has been rising during the last two hours. 11.97 inches of rainfall have been recorded at the Observatory since 6 a.m. yesterday morning.

Local Storm Warning issued at 10:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected as the centre passes near to the Colony.

At 10 a.m., Typhoon Dot was centred near 22.6 degrees north, 114.5 degrees east, that is about 25 miles northeast of the Observatory. It was moving northwards at 10 knots away from the Colony into Bias Bay.

Winds over the Colony are west-northwest 45 to 70 knots. They are expected to change to southwesterly in the next few hours. During the last hour, gusts of 91 knots have been recorded at Waglan and 90 knots at Cheung Chau. 12.73 inches of rainfall have been recorded at the Observatory since 6 a.m. yesterday morning.

Local Storm Warning issued at 11:30 a.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.10 is still hoisted, which means that typhoon force winds with mean speed 64 knots or more are expected as the centre passes near to the Colony.

At 11 a.m., Typhoon Dot was centred near 22.9 degrees north, 114.5 degrees east, that is about 40 miles north-northeast of the Observatory. It was moving inland in a northerly direction at 11 knots away from the Colony.

Winds over the Colony are westerly 45 to 70 knots. They are expected to change to southwesterly in the next few hours. During the last hour, gusts of 82 knots have been recorded at Tate's Cairn and 80 knots at Waglan. Up to 11 a.m. today, Typhoon Dot has brought 13.14 inches of rainfall. The total rainfall so far this year now exceeds the normal value for a year by 4.65 inches.

Local Storm Warning issued at 12:30 p.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.6* was hoisted at 12:15 p.m., which means that gale or storm force winds with mean speed 34 knots or more are expected from the southwest quarter.

At noon, Typhoon Dot was centred near 23.1 degrees north, 114.6 degrees east, that is about 50 miles north-northeast of the Observatory. It was moving inland in a northerly direction at 11 knots away from the Colony.

Winds over the Colony are generally gale force. During the last hour, gusts of 78 knots have been recorded at Tate's Cairn and 73 knots at Waglan. Up to noon today, Typhoon Dot has brought 13.57 inches of rain. The total rainfall so far this year now exceeds the normal value for a year by 5.08 inches.

Local Storm Warning issued at 1:30 p.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.6* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southwest quarter.

At 1 p.m., Typhoon Dot was centred near 23.2 degrees north, 114.6 degrees east, that is about 60 miles north-northeast of Hong Kong and was moving away inland towards the north at 11 knots.

Winds over the Colony are decreasing but are still mostly gale force. Gusts of 74 knots

have been recorded at Waglan Island and 61 knots at the Royal Observatory during the past hour.

Local Storm Warning issued at 2:30 p.m. on 13 October 1964 by the Royal Observatory.

Local Storm Warning Signal No.6* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southwest quarter.

At 2 p.m., Typhoon Dot was centred near 23.3 degrees north, 114.6 degrees east, that is about 65 miles north-northeast of Hong Kong and was moving away inland towards the north at 10 knots.

Winds over the Colony are decreasing but are still gale force in several places. Gusts of 60 knots have been recorded at Waglan and 47 knots at the Royal Observatory during the last hour.

Note: The Hong Kong Observatory was known as the Royal Observatory, Hong Kong during the period from July 1912 to 30 June 1997.

* Starting from 1 January 1973, signals 5 to 8 were replaced by 8 NW, 8 SW, 8 NE and 8 SE respectively.