

**Tropical cyclone warnings of Signal No. 8 or above issued by the Observatory during the passage of Ruby in September 1964**

Local Storm Warning issued at 7:00 a.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.7\* was hoisted at 7:00 a.m., which means that gale or storm force winds with mean speed 34 knots or more are expected from the northeast quarter.

At 7 a.m., Typhoon Ruby was centred near 21.3 degrees north, 115.3 degrees east, that is about 90 miles southeast of Hong Kong and was moving west at 10 knots.

There is no recent information concerning wind strength near the centre of the typhoon but winds of 45 knots have been reported by a ship 100 miles east of Hong Kong.

If it continues on its present track it will pass about 50 miles south of Hong Kong early this afternoon.

Winds over the Colony are increasing.

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Local Storm Warning issued at 8:30 a.m. on 5 September 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 a.m., Typhoon Ruby was centred near 21.4 degrees north, 115.2 degrees east, that is about 80 miles southeast of Hong Kong and was moving west or west-northwest at 10 knots.

There is no recent information concerning wind strength near the centre of the typhoon but winds of 32 knots have been reported on the coast about 75 miles east of the Colony.

If it continues on its present track it will pass about 50 miles south of Hong Kong early this afternoon.

Winds over the Colony are now strong and reaching gale force in exposed places. Gusts of 66 knots have been recorded at Tate's Cairn and 52 knots at Cheung Chau.

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Local Storm Warning issued at 9:30 a.m. on 5 September 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 a.m., Typhoon Ruby was centred near 21.5 degrees north, 115.0 degrees east, that is about 70 miles southeast of Hong Kong and was moving west-northwest at 10 knots.

There is no recent information concerning wind strength near the centre of the typhoon but winds of 32 knots have been reported on the coast about 75 miles east of the Colony. A ship 30 miles to the east has reported over 56 knots.

If it continues on its present track it will pass about 50 miles south of Hong Kong early this afternoon.

Winds over the Colony are now strong and reaching gale force in exposed places. Gusts of 66 knots have been recorded at Tate's Cairn during the last hour.

0.48 of an inch of rainfall have been recorded at the Observatory since No. 1 Signal was hoisted.

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Local Storm Warning issued at 10:30 a.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.9 was hoisted at 10:30 a.m., which means that winds are expected to increase.

At 10 a.m., Typhoon Ruby was centred near 21.5 degrees north, 114.7 degrees east, that is about 60 miles south-southeast of Hong Kong and was moving west-northwest at 10 knots.

There is no recent information concerning wind strength near the centre of the typhoon

but winds of 60 knots have been reported by a ship 30 miles east of the Colony.

If the typhoon continues on its present track it will pass about 40 miles south of Hong Kong early this afternoon.

Tides are unlikely to be more than a few feet above normal high tide but heavy rain is likely to cause considerable flooding.

Winds over the Colony are increasing generally to gale force and gusts of 86 knots have been recorded at Tate's Cairn and 79 knots at the Royal Observatory.

0.83 of an inch of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 11:30 a.m. on 5 September 1964 by the Royal Observatory.

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

At 11 a.m., Typhoon Ruby was centred near 21.6 degrees north, 114.6 degrees east, that is about 50 miles south-southeast of Hong Kong and was moving at 10 knots. The storm appears to be continuing on its west-northwesterly track and its centre will pass about 30 miles southwest of the Colony during the afternoon. The eye of the storm is about 20 miles in diameter at present. The winds are expected to increase to hurricane force and change to easterly and then southeasterly. Places in the south of the Colony may experience a temporary decrease of wind before the gales resume from the southeast.

Tides are unlikely to be more than a few feet above normal high tide but heavy rain is likely to cause considerable flooding.

Winds over the Colony are storm force in some areas. Gusts of 104 knots have been recorded at Tate's Cairn and 88 knots at the Royal Observatory. 1.13 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 11:40 a.m. on 5 September 1964 by the Royal

Observatory.

Local Storm Warning Signal No.10 was hoisted at 11:40 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.

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Local Storm Warning issued at 12:30 p.m. on 5 September 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 noon, Typhoon Ruby was centred near 21.7 degrees north, 114.3 degrees east, that is about 40 miles south-southeast of Hong Kong and was moving west-northwest at 10 knots. The centre will pass about 20 miles southwest of the Royal Observatory this afternoon.

The eye of the storm is about 20 miles in diameter at present and some places may experience a temporary decrease of wind before hurricane force winds resume from the southeast.

Tides are unlikely to be more than a few feet above normal high tide but heavy rain is likely to cause considerable flooding.

Winds over the Colony are generally hurricane force and gusts of over 100 knots have been recorded at several places. 1.74 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 1:30 p.m. on 5 September 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 1 p.m., Typhoon Ruby was centred near 21.8 degrees north, 114.2 degrees east, that is about 30 miles south of Hong Kong and was moving west-northwest at 10 knots. The centre will pass about 20 miles southwest of the Royal Observatory by 3 p.m.

The eye of the storm is about 20 miles in diameter at present and some places may experience a temporary decrease of wind before hurricane force winds resume from the southeast.

Winds over the Colony are now generally hurricane force and gusts of over 100 knots have been recorded at several places. 2.29 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 2:30 p.m. on 5 September 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 2 p.m., Typhoon Ruby was centred near 22.1 degrees north, 114.0 degrees east, that is about 20 miles south-southwest of Hong Kong and was moving west-northwest at 10 knots. It will pass over the southwestern part of the Colony during the next hour.

The winds will continue to change direction from east to southeast and later south and will gradually decrease in strength during the night.

Winds over the Colony are still hurricane force. 2.88 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 3:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* was hoisted at 3:35 p.m., which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 3 p.m., Typhoon Ruby was centred near 22.2 degrees north, 113.7 degrees east, that is near the southwest end of Lantau Island. It is now moving away from the Colony across the Pearl River estuary and will cross the coast near Macao during the next hour.

The winds will continue to change direction from southeast to south and will gradually decrease in strength.

Winds are still hurricane force in exposed places and gusts of 120 knots have been recorded at Cape Collinson and other stations.

Atmospheric pressure at the Royal Observatory reached a minimum of 969.9 millibars at about 2 p.m. and is now rising rapidly. 3.09 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted.

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Local Storm Warning issued at 4:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 4 p.m., Typhoon Ruby was centred near 22.3 degrees north, 113.5 degrees east, that is about 40 miles west of Hong Kong and close to Macao. It is moving away towards the west-northwest at 10 knots.

Southerly gales are expected to continue during this evening and gradually decreasing to strong winds later tonight.

Atmospheric pressure at the Royal Observatory reached a minimum of 969.9 millibars at about 2 p.m. and is now rising rapidly.

Winds over the Colony are generally gale force but hurricane force winds are still being recorded in a few exposed places. 3.59 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted and heavy rain is expected to continue tonight.

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

Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 5 p.m., Typhoon Ruby was centred near 22.4 degrees north, 113.3 degrees east, that is about 50 miles west of the Royal Observatory and was moving away towards the west-northwest at 8 knots. The eye of the typhoon passed near Macao at about 4 p.m.

In Hong Kong, southerly gales are expected to continue during this evening, gradually decrease to strong winds later tonight.

Winds over the Colony are still generally gale force with gusts of over 70 knots reported at several places. 4.4 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted and more heavy rain is expected tonight.

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Local Storm Warning issued at 6:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 6 p.m., Typhoon Ruby was centred near 22.5 degrees north, 113.2 degrees east, that is about 55 miles west of Hong Kong and was moving away towards the west-northwest at 8 knots.

Southerly gales are expected to continue in exposed places during this evening, gradually decreasing to strong winds later tonight.

Winds over the Colony have decreased considerably but gusts of 68 knots at Waglan Island and 60 knots at the Royal Observatory were recorded during the last hour. 4.75 inches of rainfall have been recorded at the Observatory since No.1 Signal was hoisted and more heavy rain is expected tonight.

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Local Storm Warning issued at 7:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 7 p.m., Typhoon Ruby was centred near 22.5 degrees north, 113.1 degrees east, that is about 60 miles west-northwest of Hong Kong and was moving away towards the west-northwest at 8 knots.

Southerly gales are expected to continue in exposed places during this evening, gradually decreasing to strong winds later tonight.

Winds over the Colony have continued to decrease but gusts of 59 knots at Cape Collinson and 50 knots at the Royal Observatory have been recorded during the last hour. 4.99 inches of rainfall have been recorded at the Observatory in the last 24 hours and more heavy rain is expected tonight.

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Local Storm Warning issued at 8:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 8 p.m., Typhoon Ruby was centred near 22.6 degrees north, 112.9 degrees east, that is about 70 miles west-northwest of Hong Kong and was moving away towards the west-northwest at 8 knots.

Winds over the Colony during the past hour have decreased slightly but southerly gales are still persisting in exposed places with gusts of 55 knots at Cape Collinson and 48 knots at the Royal Observatory. 6.09 inches of rainfall have been recorded at the Observatory since yesterday and more heavy rain is expected tonight.

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Local Storm Warning issued at 9:30 p.m. on 5 September 1964 by the Royal Observatory.

Local Storm Warning Signal No.8\* is still hoisted, which means that gale or storm force winds with mean speed 34 knots or more are expected from the southeast quarter.

At 9 p.m., Typhoon Ruby was centred near 22.7 degrees north, 112.8 degrees east, that is about 80 miles west-northwest of Hong Kong and was moving away towards the west-northwest or northwest at 8 knots.

The typhoon is weakening but southerly gales are still persisting in exposed places over the Colony.

6.50 inches of rainfall have been recorded at the Observatory since yesterday and more heavy rain is expected tonight.

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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.