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REPORTS OF PHYSICAL DAMAGE

RESULTING FROM

ALLIED AIR ATTACKS ON GERMANY, 1942

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G.3862/BC/1/57/

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R E S T R I C T E D

ALLIED AIR ATTACKS ON GERMANY, 1942

The following pages give as complete a picture of the physical effect of allied raids during 1942, as the availability of original German documents permits. As far as possible all major raids have been dealt with including some of those which were scattered. Some details are perforce rather scanty. It will be noted that at Appendix 'A' are some facts concerning the actual "scatter" of some of those raids which were not so accurately carried out.

At Appendix 'B' and 'C' are Town and Chronological Indices respectively.

R E S T R I C T E D

R E S T R I C T E D

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ALLIED AIR ATTACKS ON GERMANY - 1942

AACHEN

E.735 - Min. of Pub.
Inf. & Prop.

5/6 OCTOBER

It was estimated that 40-50 penetrations into the Koln-Aachen district took place. The alarm lasted from 2157 to 2324 hours.

Bombs dropped: 3 mines
37 H.E.
640 Incendiaries
303 phosphorus

Damage: 9 buildings destroyed incl. 5 factories.
845 buildings damaged.
4 large fires.
25-30 smaller fires.

Casualties: 5 dead, 48 injured.

BREMEN/DELMENHORST

E.2910 - Police Pres.
CD.1282 - Factory
ARP Area
Niedersachsen

3/4 JUNE

Raid was made by 25 aircraft between 0125 and 0220 hours. It is described as a terror raid, during which:

Bombs dropped: 5 mines
43 H.E. (1000 lb) (5 duds)
98 H.E. (500 lb)
10 H.E. (250 lb)
8110 incendiary
498 phosphorus (30 lb) (100 duds)
2 phosphorus drums

Casualties: 84 dead, 241 injured, 3 missing, 2481 homeless.

Damaged Houses: 153 destroyed
307 severe damage
2130 medium damage
3737 slight damage

Indust: Focke-Wulf, Airport - slight damage by fire.
Korff Min.Oil Works: 3 Oil tanks burnt out.

Pub.Ser: Gas Works: Fires in the whole works.
Pump Station: Machine house burnt out.

Damage also caused to railway and tramway systems and also in the harbour area where a large number of sheds and some shipping was damaged by fire. Passenger and goods coaches burnt out at Neustadt Station. Permanent way at the Shunting station damaged. Administrative building damaged by fire. At Delmenhorst the attack was carried out partly at low level. Major fires were started in the Schluessel and Anker Works of the Deutsche Linoleum Works. A number of fires were also started at the Focke-Achgelis Works in Hoykenkamp.

/25/26 JUNE

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BREMEN/DELLENHORST
As above

25/26 JUNE

This raid by about 80 aircraft lasted from 0118 to 0230 hours.

Bombs dropped: 4 mines
235 H.E. (19 duds)
20206 incendiary
1018 phosphorus (119 duds)

Casualties: 85 dead, 497 injured and
2783 homeless

Damage; Houses: 572 destroyed
498 severe damage
3525 slight damage

Public buildgs: 10 destroyed
2 severe damage
14 slight damage

Indust., Transp.,
& Stores: 29 destroyed
15 severe damage
52 slight damage

Shipping: 9 instances of slight damage to
vessels.

In addition a large number of bombs was dropped in country district around such places as Delmenhorst, in Wesermarsch and Ammerland, Cloppenburg, Keppen, Lingen, Aurich, Wittmund, Norden and Leer. Such districts report a total of about:

2 mines
220 H.E.
9802 incendiary and
385 phosphorus bombs.

These caused some material damage and some deaths and injuries.

BREMEN/DELMENHORST
As above

27/28 JUNE

20 aircraft raided from 0122 to 0210 hours, during which time they dropped:

5 mines
16 H.E.
some 11000 incendiary
206 phosphorus (44 duds)
49 phosphorus drums
5 oil bombs (3 duds)

Casualties: 9 dead, 82 injured and 619 homeless.

Damage; Houses: 49 destroyed
226 severe damage
838 slight damage

Pub. buildings: 1 destroyed
2 severe damage
13 slight damage

/Industr.,

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Industr., Transp. 22 destroyed
2 severe damage
11 slight damage

Shipping: 1 motor vessel severely & 2
others slightly damaged.

In addition in the surrounding country 1 mine, 32 H.E., about 6500 incendiary and 23 phosphorus bombs were dropped, causing some damage to property and loss of life.

BREMEN/DELMENHORST
As above

29/30 JUNE

Raid took place between 0125 and 0210 hours, in which 70-80 aircraft took part. It was mainly directed against the East and South sectors of the town. The North, Harbour and West sectors suffered only slight damage.

Bombs dropped: 50 H.E. (4 duds)
2618 incendiary
889 phosphorus (95 duds)

Casualties: 9 dead, 117 injured & 603 homeless.

Damage; Houses: 58 destroyed
131 severe damage
1203 slight damage

Industrial,
Transport &
Stores Installs: 7 destroyed
2 severe damage
8 slight damage

The Museum in the Domshof was destroyed by fire and medium damage by fire was caused to the Nautical School. The Pump and Machine House of the Municipal Pumping Station sustained slight damage by fire. There was some damage to tram cables (destroyed) and water mains. At the Borgward Motor Works 1 workshop was destroyed and 1 severely damaged by fire, causing only slight decrease in production. The Lloyd Dynamo Works suffered the same damage to 1 shop with no decrease in production. At the Hanseatenwerken 2 buildings were destroyed and 1 severely damaged. Focke-Wulf at the airport suffered slight damage by fire in 1 shop and a watermain burst. A gasometer at the Gas Works was set on fire. There were 10 fires at Deschimag AG Weser causing severe damage in the boiler-makers forge, a workshop and a floating crane.

In addition to Bremen/Delmenhorst bombs were dropped on a number of other places. The following are some details:

/Oldenburg

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Oldenburg. 6 H.E., several incendiaries, including some phosphorus bombs. Slight damage.
In 28 places near Oldenburg 112 H.E. including some mines, about 3900 incendiaries, including several phosphorus bombs were dropped. 27 houses were destroyed and 45 damaged and 6 farm buildings burnt down. 1 dead and 5 injured.

Cloppenburg. In 3 nearby places 11 H.E's and 115 incendiaries.

Wesermarsch In 7 places 9 H.E's including 2 mines, some 230 incendiaries, including some phosphorus. 3 houses destroyed and 35 damaged.

Ammerland 10 H.E's and some 380 incendiaries on 7 places. 1 house destroyed and 11 damaged.

BREMEN/DELLENHORST
As above

2/3 JULY Raid by 50-60 aircraft between 0140 and 0245 hours.

Bombs dropped: 3 mines
26 H.E. (91 duds)
1759 incendiary
174 phosphorus (25 duds)

Casualties: 5 dead, 57 injured & 255 homeless.

Damage; Houses: 26 destroyed
155 severe damage
921 slight damage

Industrial, Transport & Stores - destroyed
2 severe damage
11 slight damage

Shipping: 1 Finnish steamer sunk, 5 vessels slightly damaged and 2 river barges severely damaged.

In Bremen the tram depot at Hohwisch was damaged and at the Shunting Station 2 trucks were burnt out. In Delmenhorst there was some severe damage by fire to industrial undertakings and public buildings but details are not given.

About 160 H.E's, including some mines, were dropped on 40 places in country districts round Oldenburg. Also about 3500 incendiaries and 580 phosphorus bombs. 15 houses, 11 farmsteads and 8 barns were destroyed. 80 houses were damaged. On Aurich 2 1000 lb H.E.'s and about 600 incendiaries were dropped causing damage to 23 houses, 1 Army installation, a hospital and a saw-mill.

A number of other places had small quantities of bombs dropped on them, causing slight damage.

/4/5 SEPTEMBER

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BREMEN/DELMENHORST
E.2617 -(Police
E.2910 -(President.
E.809 - Min. of Pub.
Inf. &
Propaganda

4/5 SEPTEMBER

80 aircraft attacked from westerly and north-westerly directions from 0252 till 0345 hours.

Bombs dropped:

6 mines
191 H.E. of various sizes (5 duds)
50 oil bombs (5 duds)
1686 phosphorus (290 duds)
13885 incendiaries.

Damage; Houses:

497 destroyed
995 severe damage
11659 medium to slight damage.

Casualties:

124 dead, 476 injured and 5117 homeless.

Considerable damage was caused to railway installations, permanent way and rolling stock, including 180 goods trucks loaded with important wares destroyed. Many cases of tramway cables and cars destroyed or damaged are reported.

Focke-Wulf at the airport and Hemelingen suffered slight damage. At the Weser Aircraft Factory considerable damage by fire was caused to the power station, boiler house, and the fuselage and wing shops, resulting in about 25 days decrease in production. Atlas Works also suffered damage by fire.

46 industrial installations were damaged, mostly seriously, also 14 public buildings, 17 traffic installations and 2 vessels.

BREMEN/DELMENHORST
E.2617 -(Police
E.2910 -(President
E.624 - Min. of Pub.
Inf. &
Propaganda.

13/14 SEPTEMBER

About 70 aircraft attacked between 0210 and 0442 hours, during which the following bombs were dropped.

10 mines
191 H.E. (4 duds)
20 oil bombs
3137 phosphorus (430 duds)
15 Phosphorus drums
18403 incendiaries
117 flares

Damage; Houses:

891 destroyed
1150 severe damage
10405 medium or slight damage.

Casualties:

76 dead, 371 injured and 7600 homeless.

Some damage to tramway cables and buildings. Railway installations also suffered some damage. 4 Focke-Wulf plants suffered severe damage by fire. Prinz Chemical Factory destroyed by fire. Lloyd Dynamo Works suffered damage causing 100% loss in production for 3 days and 50% for a further 14 days.

/In

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In No. 2 Works of Borgward's damage caused 50% loss in production for a week.

1 military installation (a hangar at the Focke-Wulf factory at Adelheide) was destroyed. 12 others were damaged, including the Administrative Building of the Army Garrison and a barracks.

The Gestapo offices were severely damaged and the Administrative Building of the Gas Works was set on fire.

COLOGNE

A.399 - Pol.Pres.
E.809 - Min. of Pub.
 Inf. &
 Propaganda.
E.2459 - Gestapo.

13/14 MARCH

During the period of alarm from 2224 to 0035 hours, at least 12 aircraft attacked and dropped their bombs between 2255 and 2345 hours.

Bombs dropped: 4 mines
104 H.E. (8 duds)
3547 incendiaries
10 phosphorus drums
22 oil bombs
about 250 flares and many leaflets.

Casualties: 62 dead, 84 injured & 1700 homeless.

Damage; General: 1690 cases of damage to houses and churches.
237 fires
Damage to 1 water and 1 gas main,
1 sewer, 2 electric light cables,
4 telephone cables, 4 tramway cables.

Military: Fire in the Instrument Stores of the Barbara Barracks in Riehl.
Slight damage to the Flak Barracks in Ossendorf.

Railway: Railway Repair Works at Nippes partially destroyed by H.E. and mine.
Several tracks at Kalk North station destroyed.
Old and New Station at Longerich damaged by mine.
Signal Box at Nippes destroyed.
Telephone and light cables of the railway damaged.

Industrial: Clouth Land and Sea Cable Works in Nippes practically destroyed by incendiaries.
Celluloid Works destroyed by fire.
Much damage by fire to the firm Opekta.
Damage also by fire at the Kloeckner-Humboldt-Deutz Engine Works.

See also "Scatter" Report No. 3

/27/28 APRIL

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COLOGNE

A. 399 - Pol. Pres.

5/6 APRIL

During the period of alarm (approx. 0030 to 0445 hours) some 15 aircraft were reported over the town area. During the earlier part of the raid the sky was clear but cloud developed later. Two aircraft are claimed as shot down. No specific target was recognisable and residential districts were most affected.

Bombs dropped:

4 mines (1 dud)
60 H.E. bombs (3 duds)
840 incendiary bombs
84 flares.

Casualties:

16 dead, 78 injured and 748 homeless.

Most of the damage caused to industrial concerns was only slight and no important factory was reported as hit. There were in all 36 fires started, 9 houses destroyed, 2 water mains damaged, 2 instances of damage to the railway and 1 to military installations.

COLOGNE

A. 399 - Pol. Pres.

27/28 APRIL

About 10-12 aircraft dropped their bombs between 0100 and 0145 hours, mainly on the residential district of the Old Town. Two aircraft were shot down in the town area.

Bombs dropped:

66 H.E.
5206 Incendiary

Fires:

355 fires of which 73 were large.

2 water, 1 gas main broken. 2 Electric light cables damaged.

12 dead, 51 injured.

Damage to 4 high-tension cables and 1 telegraph cable destroyed. Very severe damage by fire at the Repair Works at Poll of the firm Kloeckner, where about 400 incendiaries fell. About 150 acres of pine woods burnt.

2 aircraft shot down.

COLOGNE

A. 399 - Pol. Pres.

E. 624 - Cologne Office of Min. of Pub. Inf. & Propaganda.
CD. 1282 - Factory ARP Area Niedersachsen.

30/31 MAY

The attack was obviously in great strength and carried out in a series of waves. H.E. and incendiary bombs were dropped over a period of about 1½ hours, the H.E.'s following about ¼ hour after the first incendiaries. Some of the aircraft flew in low over the City. From the beginning of the raid bombs were dropped evenly over the whole

/City

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City, this being repeated at short intervals. There was evidently no specific target, the residential areas being mainly hit, with numerous public buildings, hospitals, churches, etc.

Bombs dropped: 9 mines
959 H.E.
112000 Incendiaries of which
565 were phosphorus bombs or drums.

In addition there were dropped in ARP Area Cologne-Aachen a further

388 H.E.
11 mines
38713 incendiaries

killing 20 (including 16 service personnel) and injuring 47.

In the Administrative Area of the Cologne Office of the Ministry of Public Information and Propaganda a total of

1347 H.E.
20 mines
150713 incendiaries.

were dropped, killing 494 and injuring 5180.

Damage; Houses: 3330 destroyed) about 1200 by fire
9510 damaged) and the rest by H.E's.

13010 dwellings destroyed and 29130 damaged are accounted for in these figures.

Official Buildings & Install: Police H.Q. severely damaged, the ARP Section being destroyed.
2 buildings of the Municipal Administration destroyed.
County Court slightly damaged.
50% of the Transformer Plant in the Piusstrasse destroyed.

Tramways and Railways:

Tramways services in the City centre interrupted for a week.
Numerous instances of damage to railway tracks, rolling stock, installations and stations.
Regional Offices and also the Goods Station Gereon, including 100 loaded trucks, partially destroyed. Muelheim Station destroyed. Locomotive sheds and a store at the Repair Works, Nippes, destroyed.

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/Post

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Post & Telegr: 3 Post Offices destroyed and 3 damaged. Maintenance Depot for Post Office vehicles also damaged.

Shops: 6 large Stores severely damaged.

Harbour Inst.: The Rheinau Harbour suffered considerable damage by H.E.'s and incendiaries in buildings, stocks and stores. 1 ship sunk, 1 burnt out and 2 others damaged. In Deutz Harbour 1 wheat silo severely damaged by H.E. and Corn Mill Leyseiffer and Lietzmann suffered damage by fire.

Military: Army Reserve Stores burnt down.

Industrial: 1505 Works destroyed and 1055 damaged.
328 concerns with factory ARP organisation were damaged with the following results:

36 - 100% decrease in production.
70 - 50-80% decrease in production.
222 - less than 50% decrease in production.

The foundry, laboratory and telephone exchange of Kloeckner-Humboldt-Deutz A.G. destroyed. Hospelt Paint Factory hit by 4 H.E.'s and a number of phosphorus drums. Majority of buildings destroyed. Total loss of all raw materials and finished products. PW camp within the works also hit by H.E. Textile firms of F.W. Bruggelmann & Sons and Biegans totally destroyed with all stocks. The workshops, stores and all fittings and stocks of the Accumulatorenfabrik A.G. completely destroyed. Also a number of textile firms manufacturing items of uniform suffered damage.

17 water mains
32 electricity cables
12 telephone cables
5 gas mains } destroyed

Casualties: 474 dead, 5061 injured and 45132 homeless, of which latter 14825 only temporarily. Those who found lodging with friends or relations are not included.

In the Ministry of Public Information and Propaganda report dated 2nd June, it is stated that in addition in other ARP Areas, mainly Duesseldorf, 50 H.E. and 1700

/incendiary

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incendiary bombs were dropped.
"The number of bombs, particularly incendiaries, is according to experience in reality far in excess of that given."

In a Factory ARP report dated 9th June the number of attacking aircraft is given as "some 60". It further reports casualties in other towns as:

Duesseldorf: 16 dead, 44 injured.
Essen: 1 " 2 "
Buer-Mitte: 7 " 30 "

The last casualties mentioned were caused by the crash of an aircraft shot down.

Fire engines and equipment were drafted into Cologne from Hanover, arriving during the day of 31st May.

COLOGNE
A. 399 - Pol.Pres.

15/16 OCTOBER

About 15 aircraft were reported over the target area, dropping their bombs between 2130 and 2230 hours.

Bombs dropped: 1 mine
3 H.E.
210 incendiaries.

Damage: There were 3 medium and 6 smaller fires.
226 houses damaged (2 badly)

Casualties: No dead and 5 injured.

DILLINGEN (Saar)
8a221 - LK XII/XIII

1/2 SEPTEMBER

From 0225 to 0319 hours a large number of aircraft (types not recognised) entered the LGK between Longwy and Remagen and attacked the Saar district.

Bombs dropped: 1 mine
18 H.E.
1500 incendiary bombs.

Damage; Houses: 39 destroyed
180 damaged, of which 30 severely.

Industrial: Dillinger Foundry: The Welding Dept. destr. and sheet metal store and rolling mill hit by H.E.'s. Fire in the Oil Store. Works at a standstill through lack of gas and electricity. Loss in production of 3000 tons of crude steel.
Electro Factory Schmidt: Destroyed
Bartz Works: 100% decrease in production in the Casting Dept. for 3-4 weeks and for 5 weeks in the furnace factory.

/Casualties:

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DORTMUND
8a2270 - LGK XII/XII

Casualties: 9 dead and 25 injured.

14/15 APRIL

The "scatter" effect of this raid is confirmed by the Morning Report for LGK VI which states that "50 H.E. and 3000 incendiary bombs were dropped, mainly in the Rhein-Westfalian industrial district (Dortmund-Recklinghausen) Major damage in Dortmund, Recklinghausen and Bonn; in Dortmund the electricity power station of the Dortmund - Hoerde Foundry Union was destroyed. Production decrease not yet known".

DUESSELDORF
8a2270 - LGK XII/XIII

31 JULY/31 AUGUST: According to the LGK VI Morning report there were some 80 penetrations and a large number of both H.E., mines and incendiary bombs was dropped on the towns of Duesseldorf, Muenchen-Gladbach, Duisburg, Recklinghausen and Cologne. The main effort was directed against Duessedorf and Muenchen-Gladbach but the full extent of the damage could not be assessed, owing to the slowness with which the reports were coming in.

DUESSELDORF/NEUSS
E.624 - Min. of Pub.
Inf. &
Propaganda.

10/11 SEPTEMBER

Between 150-200 aircraft penetrated the Reich, of which 21 were shot down and the alarm lasted from 2235 to 0115 hours. A very heavy raid developed on Duesseldorf/Neuss.

Bombs dropped: 26 mines
390 H.E.
45000 incendiary bombs.

Fires: 416 major, 702 medium & 819 minor fires.

Casualties: 74 dead, 135 missing and 390 injured.

Damage;Houses: 807 destroyed
1352 severe damage
6915 slight damage

Public buildings: 15 destroyed
18 severe damage
33 slight damage

Industrial: 19 destroyed
28 severe damage
53 slight damage

The office of the Ministry of Public Information and Propaganda received a direct hit, destroying a wing of the building. The Central Station was severely damaged. The greatest damage was in the district surrounding the Station, the Old Town and the residential quarter. The Post Office and Telephone Exchange partially burnt out.

/DUISBURG

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DUISBURG
8a2270-LGK XII/XIII

21/22 JULY

The Morning Report for LGK VI give the following information:

"32 penetrations. Main target: Duisburg and Rheinhausen. Some 300 H.E. and thousands of incendiary bombs on Duisburg. 30 major fires. Further details not known."

DUISBURG
8a2270-LGK XII/XIII

23/24 JULY

This raid would appear to have been somewhat scattered. The Morning Report for LGK VI states:

"18 routes. In all about 200 H.E. and 2000 incendiary bombs on Duisburg, Essen, Krefeld, Rheinhausen, Homberg. 18 dead, 28 injured. Damage to residential areas. No damage to war production.

DUISBURG
E.809 - Min. of Pub.
Inf. &
Propaganda

5/7 SEPTEMBER

50-60 aircraft of a total of 100-120 which penetrated the Reich are reported to have taken part in the raid. The alarm lasted from 2300 to 0725 hours.

Bombs dropped:

6 mines
100 H.E.
8000 incendiary

Fires:

17 large fires.

Damage; Houses:

60 destroyed
120 severe damage
60 slight damage.

Casualties:

9 dead and 37 injured.

Industrial:

Demag suffered damage causing 2 days decrease in production.

DUISBURG
E.735 - Min. of Pub.
Inf. &
Propaganda.
8a2211 - LGK XII/XIII
8a539 - LG VI War Diary

20/21 DECEMBER

About 100 aircraft raided the town from 1934 - 2057 hours.

Bombs dropped:

16 mines
264 H.E.
55144 incendiaries
230 phosphorus

Casualties:

61 dead
183 injured
17 missing
8000 homeless

Fires:

80 large, 250 medium and 600 smaller fires.
Water main destroyed which was the cause of fires spreading.

Damage; Houses:

217 destroyed
1387 damaged

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/Railway

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Railway hit in 8 places, destroying the track. Autobahn damaged. Embankment in harbour area damaged. Slight damage by fire to a ship. Barracks slightly damaged. The Opera House, Town Hall, County Court and Duisburg Cable Works destroyed.

Industrial:

In all 31 industrial installations were hit.

August Thyssen Foundry: was severely damaged. The Administrative Buildings, crane installations, iron rolling mills destroyed. Various offices also destroyed by fire. The roof of the steel works, power station and telephone exchange were destroyed. Damage also to blast furnaces. Loss in production of 100% for an indefinite period.

Duisburg Cable Works: Production buildings and stores completely destroyed by fire. 50% decrease for an indefinite period.

Matthes & Weber Chemical Works: Direct hit in caustic soda plant and also cooling plant for the power station. Lack of power and water caused 100% decrease in production.

Copper Wire Works: Smelting Dept. destroyed. 100% decrease in production for an indefinite period.

Ruetgerswerk (Tar Distillation): Anthracite residue and tar oil set on fire, causing damage to fire hoses, Building burnt out and collapsed.

Fr. Thyssen Coking Plant, Duisburg - Bruckhausen: Pipe bridges destroyed. Works at standstill for 8 hours after which only limited production. Decrease in production of 1340 tons coke, 25 tons benzol, 25 tons ammonia, 75 tons tar and 675000 cubic metres gas. Benzol plant and tar distillery temporarily out of production.

Military:

8 military (Flak and searchlight) installations destroyed or damaged.

3 aircraft shot down.

EMDEN

8a2270 - LGK XII/XIII

15/16 JANUARY

100 penetrations are reported and the main targets were Emden and Hamburg.

Bombs dropped:

150 H.E. (7 D.A.)
2000 incendiaries.

/Damage; Houses:

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Damage; Houses: 30 destroyed
100 severely damaged
500 slightly damaged

Casualties: 8 dead, 16 injured & 2000 homeless

Fires: 13 major, 150 smaller fires.

Much damage to industrial and supply undertakings. Gas water and electricity mains destroyed in many places. Power supplies interrupted.

EMDEN
CD.1282 -
Factory ARP Area
Niedersachsen
8a2270 - LGK XII/XIII

6/7 JUNE

26 penetrations are reported and between 0100 and 0330 hours attacks were launched against the town of Emden and the districts of Norden, Aurich and Leer.

Bombs dropped: 200 H.E.
8000 incendiary and phosphorus bombs.

Damage; Houses: 310 destroyed
180 severe damage
600 medium to slight damage.

Fires: 35 major fires, including 16 area fires.

Casualties: 17 dead, 43 injured and 6300 homeless.

Severe damage was suffered by the Nordsee Works. Schulte & Bruns suffered total loss. Of public buildings the following were burnt out: Chief Customs Office, South Station, Wallschule and Wilhelms gymnasium. Gas supplies failed.

In the Aurich District 15 places were hit by a number of H.E. and several hundred incendiaries, which caused slight damage.

In the Norden District at 12 places numerous H.E. and several thousand incendiaries caused damage to property and a large fire. 7 dead and 9 injured.

In the Leer District at 7 places some 20 H.E. and a number of incendiaries caused only slight damage to property and 4 deaths.

EMDEN
As above

22/23 JUNE

29 penetrations are reported between 0100 and 0200 hours. In Emden and the districts of Aurich, Norden and Leer the following bombs were dropped:-

115 H.E. & 9000 incendiaries.

/Damage;

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Damage; Houses: 57 destroyed & 157 damaged.

The following were among buildings damaged to a greater or lesser degree: An oxygen plant, Gas Works, Administrative building of the Water Works, Municipal Hospital. Light and water supplies were temporarily interrupted. Some damage was caused to military installations. The wood stores of the Cassens Shipyards was burnt out.

Casualties: 6 dead, 40 injured and 700 homeless.

2 aircraft shot down, 1 near the Island of Baltrum and 1 near Hage.

ESSEN

E.809 - Min. of Pub.
Inf. &
Propaganda
CD.1282 - Factory ARP
Area
Niedersachsen

8/9 MARCH

The alarm lasted from 0237 to 0556 hours and a heavier attack than any previous raid developed on Essen industrial area.

Bombs dropped: 127 H.E.
3000 incendiary
50 phosphorus drums and an enormous number of flares.

Casualties: 27 dead, 73 injured, and 415 homeless.

In the ARP Areas of Essen, Westfalia South and Westfalia North there were 40, 46 and 14 dead respectively.

Damage: Considerable damage to machines and buildings of the Zur Nieden Engineering Works. At the Regional Office building of the railway there were 5 garages and 5 private cars destroyed. Railway lines also destroyed. Gas and water mains were damaged and 67 houses were either damaged or destroyed by H.E. Hundreds of houses suffered damage to windows and roofs. 73 fires.

ESSEN

As above

9/10 MARCH

The alarm in the ARP Area of Essen was from 2222 to 0156 hours. The main target was the industrial area.

Bombs dropped: 12 H.E.
30-40 incendiaries.

Damage: Slight material damage to Martin Works of Krupps. Some houses damaged.

Casualties: 6 dead and 11 injured.

/Casualties:

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R E S T R I C T E D

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Casualties in ARP Area Westfalia North were 1 dead and in Essen 49 dead.

ESSEN
As above

10/11 MARCH

There is no indication of the number of aircraft taking part but the alarm lasted from 2150 to 0025 hours.

Bombs dropped:

40 H.E.
200 incendiaries
1 phosphorus drum
Medium to slight damage was caused to buildings in Essen but H.E's which dropped on 'Helene' mine (Coal heap) and 'Matthias Stinnes' (coke heap) caused no damage.

Casualties:

5 dead and 5 injured.

Deaths in ARP Areas Düsseldorf, Essen Westfalia North and Westfalia South were as follows:-

7, 9, 11 and 6 respectively.

See also "Scatter" Report No. 1

ESSEN
E.809 - Min. of Pub.
Inf. &
Propaganda.

25/26 MARCH

The air raid warning lasted from 2155 to 0100 hours.

Bombs dropped:

400 H.E.
5000 incendiaries.
(These figures are for the whole of the ARP Area of Essen.)

Damage:

Houses damaged but no further details.

Casualties:

22 dead and 15 injured.
In the whole ARP Area of Essen 36 are reported as dead, 38 injured and 16 missing. (The 16 missing were probably buried and may be reckoned as dead).

See also "Scatter" Report No. 4

ESSEN
As above

26/27 MARCH

In the ARP Area of Essen the alert lasted from 2230 to 0008 hours.

Bombs dropped:

120 H.E.
4000 incendiaries
(These figures are only approximate and are for the whole of the ARP Area of Essen).

Damage:

Damage was sustained by houses and at the Essen-Borbeck zinc foundry a tank of sulphuric acid was hit.

/Casualties:

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R E S T R I C T E D

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Casualties: 6 dead, 45 injured, and 14 still buried under ruins.
In the whole ARP Area Essen casualty figures are given as: 11 dead, 58 injured and 20 still buried under ruins. 4 aircraft are reported as shot down.

See also "Scatter" Report No. 5

ESSEN
8a2270 - LGK XII/XIII

10/11 APRIL

The following report concerning allied operations in LGK VI areas would seem to confirm the remarks contained in Narrative IV page 144, to the effect that uncertainty prevailed.

"80 penetrations, of which 27 continued to LG XII/XIII. On various places in the area 230 H.E., 536 incendiary bombs and 54 drums. On decoy sites 34 H.E., 190 incendiary bombs and 1 drum. No damage to war production. One dead and 5 injured."

ESSEN
8a2270 - LGK XII/XIII

12/13 APRIL

The results of this raid as described in Narrative IV, page 144, are confirmed by the following Morning Report dated 13th April: "28 penetrations into LGK VI from 0008 to 0150 hours. 45 return flights, 17 of which from LGK XII/XIII from 0052 to 0327 hours. On 28 places some 200 H.E. bombs, a few mines and a large number of incendiary bombs. Fire centre primarily Schwelm, to a lesser extent Essen. Considerable damage to property, slight production decrease. To date 12 dead, 32 injured and 64 homeless.

ESSEN

1/2 JUNE

See "Scatter" Report No. 6

ESSEN
8a2270 - LGK XII/XIII

2/3 JUNE

The Narrative IV, page 177, states that this raid was widely scattered. The following Morning Report on LGK VI confirms this and also the last sentence of the same paragraph, concerning damage in Duisburg and Oberhausen.

"48 penetrations between 0140 and 0300 hours. Renewed terror raid on Duisburg and Oberhausen.

In Duisburg: 14 major, 10 medium and 40 smaller fires.

In Oberhausen: 5 major, 25 medium and numerous smaller fires.

/Further

R E S T R I C T E D

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ESSEN

E.624 - Min. of Pub.
Inf. &
Propaganda.

8/9 JUNE

Further bombs dropped on Essen,
Muenchen - Gladbach, Duesseldorf."

In the Administrative Area of Essen
the alarm continued from 0045 hours
to 0300 hours.

Bombs dropped: (In the whole of Essen Administra-
tive Area)

3 mines
32 H.E.
6440 incendiaries

Damage; Houses: 12 destroyed
255 damaged to greater or lesser
degree.

Fires: 3 medium and 48 smaller fires.

Casualties: 5 dead, 34 injured and 5 missing.

See also "Scatter" Report No. 7

ESSEN

8a2211 - LGK XII/XIII
E.624 - Min. of Pub.
Inf. &
Propaganda.

16/17 SEPTEMBER

Of 100 aircraft reported as pene-
trating W.Germany 36 were shot
down.
Damage inflicted by this raid
amounted to RM. 1,000,000. - worth.

Bombs dropped: 14 mines
90 H.E.
18000 incendiaries
100 phophorus.

Fires: 33 major, 80 medium and 600
minor fires.

Damage; Houses: 60 destroyed
145 severe damage
1188 medium or slight damage.

Casualties: 52 dead, 182 injured and 5 missing.

Industrial: Damage was caused to the Steel
Casting Works of Krupps and also
to clothing and food stores. In
all 9 industrial and 6 traffic
installations were hit.

See also "Scatter" Report No. 11

FRANKFURT

8a2211 - LGK XII/XIII
E.2576 - Summaries,
LGK XII/XIII

24/25 AUGUST

Raid commenced at 0100 hours on
the Hoechst, Heddernheim, Roemer-
stadt and Niederursel areas.

Bombs dropped: 9 mines
116 H.E. (12 duds)
10700 Incendiaries
50 Phosphorus drums
300 Phosphorus bombs
30 Oil bombs
Incendiary leaves

/Damage;

R E S T R I C T E D

R E S T R I C T E D

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Damage; Houses: 44 destroyed
851 damaged

Casualties: 4 dead, 39 injured.

Industrial: Small fires were started at the I.G. Farben Works at Heechst and Griesheim. A Russian barrack hut at the Heddenheim Copper Works was burnt out. A high tension cable of the Prussian Electricity Co. from Woolfersheim to Frankfurt destroyed at Frankfurt South. Interruption of the gas supply of the Hessen-Nassau Gas Co. from Hoechst to Hamburg and Oberursel.

See also "Scatter" Report No. 10

FRANKFURT
8a2211 - LGK XII/XIII

8/9 SEPTEMBER Between 2334 and 0044 hours penetrations by a large number of aircraft took place between Longwy and Remagen, the majority reaching a line Frankfurt - Mannheim. The raid lasted from 2355 to 0232 hours.

Bombs dropped: 3 mines
6 H.E.
4000 incendiaries
500 phosphorus bombs
20 phosphorus drums

Damage; Houses: 532 damaged.

Casualties: 1 dead and 13 injured

The Municipal Hospital at Hoechst and Army Hospital at Offenbach hit by incendiaries. Also the Court House in Hoechst. No damage to industrial installations is reported.

HAMBURG
8a2270 - LGK XII/XIII

8/9 APRIL The Morning Report of 9th April concerning the LGK XI area says:

"61 penetrations. Conceivably a major attack planned on Hamburg, which however did not mature. In and around Hamburg a large number of H.E. and incendiary bombs dropped, among them phosphorus bombs and drums. Some damage to buildings and some fires in Hamburg. Damage caused slight. In Hamburg no damage to war production plants. In Wesermuende the Marine School was hit. Total casualties in LGK XI area: Up till now about 10 dead and some 50 injured.

/ 17/18 APRIL

R E S T R I C T E D

R E S T R I C T E D

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HAMBURG
8a2270 - LGK XII/XIII

17/18 APRIL

The Morning Report for LGK XI gives the following information:

"50 penetrations. Attack on Hamburg: 2 mines, 100 H.E. bombs (5D.A.) 1100 incendiary bombs, 40 phosphorus bombs and 50 oil bombs. Casualties 20 dead, 25 injured. Damage main by to residential areas. No damage to war production."

HANOVER
CD.1282 - Factory
ARP Area
Niedersachen

9/10 NOVEMBER

A force of about 60 aircraft are reported to have covered a wide area, with focal point Hanover. Over the whole area:

Bombs dropped: 120 H.E. (of which 5 were mines)
150 phosphorus
about 8500 incendiaries, a large number of which fell in open country.

Damage; Buildings: 15 destroyed
814 suffered damage to a greater or lesser degree.

Casualties: 2 dead, 6 injured and 55 homeless.

Major fire developed at the Hackethal Wire and Cable Works where a total loss is reported in the Store Shed II of telephone and power cables and paper, the garage, railway stores and army instrument stores. The finishing shop for insulating tape and rubber bands and the tool makers shop also destroyed. Other slight damage reported. It is estimated that about 350-400 incendiaries as well as some H.E. fell on the Works. The Coach and Body Builders Emmelmann in Bothfeld also suffered from fire, 2 workshops being destroyed. Several H.E. and incendiary bombs fell on the Rheinmetall Works at Unterlues where the 2 cm ammunition dump in the north-west part exploded. Slight damage was also caused to railway installations and rolling stock. Telephones and electricity and water supplies were also affected.

KARLSRUHE
8a2341 - LGK VII War Diary
8a2211 - LGK XII/XIII
E.809 - Min. of Pub.
Inf. and
Propaganda.

2/3 SEPTEMBER

Raid was carried out by some 50-60 aircraft between 0216 and 0325 hours. Main target was the Harbour area and the suburb of Muehlburg which was completely destroyed.

Bombs dropped: 324 H.E. (4 duds)
30000 incendiaries (100 duds)
133 flares.

/Fires.

R E S T R I C T E D

R E S T R I C T E D

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Fires: A total of about 2045 fires were started, of which 45 were major. 3 of these were in hospitals and others in the Technical High School, Regional Railway Offices, various Party buildings, a grain silo in the Rheinhafen, the Baden Regional Public Library which was gutted and large commercial concerns.

Damage; Houses: 888 destroyed.
1390 severely damaged
2335 slightly damaged

Casualties: 53 dead, 157 injured and 5785 homeless.

Transport: Railway Administrative buildings and Goods Dept. of the Central Station were severely damaged by fire. Several fires in the railway repair works. Partial suspension of traffic due to duds or D.A. Muehlburg Station destroyed.

Shipping: Harbour area destroyed. 10 Rhein boats burnt out.

Military: Fires in the administrative and accommodation blocks at the airport. 2 aircraft (1 Kl.26, 1 Fw.56) destroyed. 6 large craters and several smaller ones rendered the taxiing area unserviceable. Fires in 4 barracks and in a store house of the Ordnance Depot and the Army Vehicle Park. Garrison Pay Office destroyed.

Industrial: Badisch-Pfaelzische Aircraft Repair Works: Assembly hangar burnt out, including 10 Buecker & Klemm 35) 100% temporary loss in production.
Sueddeutsche Argus Engine Works: Suffered damage causing 40% loss in production.
Machine Tool Factory, Schaerer Works: Completely destroyed.
Rhenania-Ossag: Temporary 100% loss in production due to damage to the loading track.

Defences: 4 20 mm guns and 4 special trailers were destroyed by bombs on the site.

As a result of the successful heavy raid on Karlsruhe the protection of Karlsruhe was strengthened by the addition of

1 Heavy Railway Flak-Abteilung from LG XII/XIII.
1 " " " " " " " in Strasburg
2 Flak Searchlight Abteilungen from LG XI from Wismar.

R E S T R I C T E D

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These moves were completed by p.m. 3rd September, or a.m. 4th September. In addition:

4 20 mm guns of Army Flak Reserve Batl., Nockarsulm.
2 20 mm 4 barrel Flak of Army Flak Res. Batl. "

LGK XII/XIII reports: "From 0149 - 0254 penetration of a larger number of enemy aircraft between Metz and Remagen in an easterly or south-easterly direction into the whole of the L.G. Area west of the Rhein as far as the Rhein. Spear points reached a line Frankfurt-Heidelberg. In all 61 routes were recognised of which 17 led on into L.G.VII. Return flight in opposite direction between 0225 and 0442 hours."

KASSEL

E.809 - Min. of Pub.
Inf. &
Propaganda.
8a2211 - LGK XII/XIII
E.2576 - Summaries,
LGK XII/XIII.

27/28 AUGUST.

The raid which lasted from 0010 hours to 0130 hours caused fires in the whole town, the old town being specially badly hit.

Bombs dropped:

15 mines (1 dud)
117 H.E. (40 large, 30 medium)
(8 duds)
10281 incendiaries
806 phosphorus bombs
80 phosphorus drums
650 incendiary leaves
8 major fires were started.

Damage; Houses:

96 destroyed
243 medium damage
1189 slight damage

Mil. Installs.:

7 destroyed
12 severely damaged
21 slightly damaged
This damage was mainly to barracks and huts. 2 Flak 8.8 cm guns were put out of action, killing 6 and injuring 18.

Industrial:

Damage by fire was caused to 2 works of the Henschel Locomotive Works and also at the Henschel Aero-Engine Co. At the Crede & Co. Coach Factory an assembly hall was burnt out and the joiners shop and garage accommodation also damaged by fire. Fire damage was also inflicted on the Fiesler No. 1 Works.

Casualties:

37 dead, 153 injured and 800 homeless.

KIEL

E.809 - Min. of Pub.
Inf. and
Propaganda
E.2391 - Police President
E.2879 - Analysis of
Police Sitreps.

12/13 MARCH

The attack was carried out by 28 aircraft, of which 12 reached the town area, from 22.35 hours to 0036 hours.

130 bombs were dropped (H.E.) of which 11 were duds, 21 of which dropped on the Deutsche Works,

RESTRICTED

/scoring

RESTRICTED

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scoring hits on the central administrative buildings, on a transformer plant, on a foundry and also on the accommodation ship Hamburg.
Damage also caused in the Dock area. 6 houses were destroyed and 280 severely or slightly damaged. Gas, water and electricity mains and also telephone cables were damaged.
A barracks was hit, killing 3 soldiers.
Casualties amounted to 14 dead, 19 injured and 269 homeless.

See also "Scatter" Report No. 2

KIEL
E.2391 - Police
President.

28/29 APRIL

35 aircraft flew in from westerly and northerly directions. 21 reached the target area and between 0127 and 0342 hours:

Bombs dropped: 2 mines
67 H.E. (250-500 lbs) (3 duds)
3000 incendiaries (4 duds) of which 72 phosphorus bombs

Damage; Houses: 40 destroyed
73 severe damage
100 slight damage
1150 with damage to windows and roofs.

Casualties: 18 dead, 72 injured and 1206 homeless.

The attack was carried out in cloudless weather by moonlight. Various institutes of the University were hit. Andersen Wire Rope Factory was a total loss by fire and a number of other industrial concerns were damaged. A transformer house was destroyed. Gas, water and electricity supplies were damaged and some tram wires destroyed.

KIEL
E.2391 - Police
President.
E.735 & E.809 -
Min. of Pub.
Inf. and
Propoganda.
E.2879 - Analysis of
Police Sitreps.

13/14 OCTOBER

This raid was carried out by 40 aircraft from 2135 hours to 2348 hours, the district of Elmshort receiving particularly heavy attention.

Bombs dropped: 76 H.E. (3 D.A.)
3 mines
about 15000 incendiaries (170 duds)
814 phosphorus bombs (32 duds)
1 Oil bomb

/Damage:

RESTRICTED

G.3862/EC/1/57/

R E S T R I C T E D

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Damage; Houses: 48 and 1 hut occupied by Russians destroyed.
176 severely damaged.
285 medium to slight damage.
12 public buildings }
about 10 industrial buildings } damaged
1 military building }
No fall in production output.
About 600 fires.

At the workshops of the Municipal Transport Co. 22 tramcars were burnt. Harmsen Mineral Oil Works sustained damage by fire to machines and laboratories.

A transformer was damaged and 2 gasometers were destroyed. Damage also to gas, water and electricity mains.

At the airfield 3 hangars and 1 barracks were hit.

See also "Scatter" Report No. 12

KREFFELD
E.735 - Min. of Pub.
Inf. and
Propaganda.
8a2211 - LGK XII/XIII

2/3 OCTOBER, Between 2128 and 2220 hours 23 penetrations by about 60-70 aircraft took place in the LGK

Bombs dropped: 15 mines
225 H.E.
10700 incendiaries
600 phosphorus bombs.

Damage; Houses; 171 destroyed.
6663 damaged
36 industrial buildings hit, of which 9 were destroyed.

Fires: 14 large fires, 200 medium and 500 smaller.
4 public buildings destroyed, 3 damaged.
12 farms destroyed.
10 barns and sheds destroyed.
1 case of damage to roadway, blocking traffic.
6 breakdowns in supply services.

Casualties: 30 dead, 60 injured and 1500 homeless.

LUEBECK
E.809 - Min. of Pub.
Inf. and
Propaganda
E.1011 - Gestapo
CD.1272 - Factory ARP,
Luebeck

28/29 MARCH

Bombs dropped: 300 H.E. (500 lb)
6000 incendiaries
300 Oil bombs (250 lb)

Damage: 25 public buildings either destroyed or damaged, including 2 police stations, 1 police wireless station and the railway station.
1918 buildings were completely destroyed, 5928 damaged.

/Casualties:

R E S T R I C T E D

R E S T R I C T E D

- 25 -

Casualties: 505 dead, 782 injured and 15707 homeless.

Industrial: Among those concerns which suffered severe damage are the following:
Draegerwerke: Damage to the value of RM.5,000,000, - Production practically stopped.
Deutsche Weapons and Munitions Factory:
Damage to the value of RM.1,090,000 - Production at complete standstill.
North German Dornier Works:
Damage to the value of RM.4,050,000 - Loss of about 70,000 working hours.

NOTE: These particulars are dated 21st April, 1942

The North German Brush Industry, Hess & Olie: The Main building was burnt out.
Paul Schulz & Co.: The main production shop was destroyed by fire and the spare part and small machine room completely desolated by H.E. and fire.
Draegerwerke: A metal store, containing a large stock of metal rods and bars was a total loss as a result of a direct hit by an H.E. and an ensuing fire. The Foundry was also demolished by an oil bomb and H.E. The boiler-house was severely damaged and pipes leading from it severed. The building where the packing cases were made was destroyed by an oil bomb, likewise the testing plant in the next building. The joiners shop was burnt out. Also the packing room for filters which was filled with filters ready for packing.

LEUBECK
CD. 1272 - Factory ARP,
Luebeck

16 JULY

Considerable damage was caused by H.E. to the Blast Furnace Works and the North West German Power station. A series of photographs shows the damage wrought. At least 17 H.E.'s fell on the two plants, destroying in the Blast Furnace Works the Tar Distillation Plant. One direct hit damaged a pitch container causing the contents to run out. Splinters from this same bomb also caused damage to a gasometer. At the Power Station a direct hit was scored on the boiler house. A transformer station was also completely destroyed.

/MAINZ

R E S T R I C T E D

G. 3862/BC/1/57/

R E S T R I C T E D

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MAINZ
8a2270 - LGK XII/XIII

11/12 & 12/13
AUGUST

These were large scale raids which lasted from 0135 to 0300 hours on the first night and 0120 to 0240 on the second night. Area fires were started in the Old Town affecting among other buildings the Police H.Q., Town Treasury, and the Post Office. Fire was also started in the Central Station.

Bombs dropped: 4 mines (1 dud)
500 H.E. (23 duds)
48300 incendiaries
200 phosphorus bombs
20 phosphorus drums

Damage; Houses: 781 destroyed
370 severely damaged
2036 slightly damaged.

Railways: Main Goods Station destroyed.
5 Administration buildings severely damaged. 50-70 goods trucks burnt out.

Post: Main Post Office destroyed and 2 buildings and a garage damaged.

Military: 1 Ordnance Depot and 2 Barracks received severe damage, some buildings being destroyed.

Industrial: Apart from damage to a number of firms not engaged on war work the following is reported:

Dyckerhoff Portland Cement Works:
Hanging coal conveyor destroyed, thereby putting the furnaces out of action. 100% fall in production for 3 days.

German American Petroleum Co.:
Mineral Oil tank damaged by H.E. splinters, causing about RM.7,000. - worth damage.

Casualties: 147 dead, 363 injured and 30-40,000 homeless.

MAINZ
8a2211 - LGK XII/XIII

8/9 SEPTEMBER

Parts of the force referred to in report on raid on Frankfurt on this date bombed Mainz from 0033 to 0139 hours.

Bombs dropped: 3 mines
70 H.E.
3000 incendiaries
200 phosphorus

Damage; Houses: 17 destroyed
52 severe damage
200 slight damage

/Railway

R E S T R I C T E D

R E S T R I C T E D

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Railways: Railway works at Mainz-Bishofsheim severely damaged by fire.

Industrial: Only slight damage was done to the Administrative building of the Gustavsburg works of M.A.N. Also to 2 other factories. In all 3 factories there was no fall in production.

See also "Scatter" Report No. 10

MANNHEIM/LUDWIGSHAFEN
8a2270 - LGK XII/XIII

19/20 MAY

The raid was made from a height of 4-5000 metres, some aircraft coming down to about 900 metres.

Bombs dropped: 25 mines of 4000 lbs
61 H.E. (probably 250 - 500 lbs)
(10 duds/D.A.)
31482 incendiaries (4 lbs)
218 phosphorus bombs of 30 lbs.

The raid was split up by the defences so that during the first attacks small fires were started in M/L as well as in the wooded country to the west of M. These fires, particularly in the Forestry Commission Area of Bad Duerkheim and Hardenburg soon spread and so diverted the main attack from M/L. In the forest fire area about 20000 incendiaries, 18 mines and 40 H.E. fell. The airfield Mannheim Town was hit by about 20 incendiaries, A.A. sights by 35 and military premises by about 300. At the I.G. Farben works at Oppau the electricity mains from the Rhein-Westfaelischen Electricity works were cut by H.E. and incendiaries resulting in a stoppage of nitrogen production for $1\frac{1}{2}$ days, equal to a loss of 270 tons or .13% of the yearly production. Damage to huts for foreign workers was also caused by fire at the Ludwigshafen works. Slight damage causing no fall in production was suffered at the Giulini Chemical Factory by blast from a mine, and by fire at the Mineral Oil Works of Dr. F. Raschig. Considerable damage was caused at the Railway Goods Depot in Mannheim and a gasometer at the Ludwigshafen Shunting Station was burnt out.

Damage; Houses: 27 destroyed
9 severely damaged
389 slightly damaged.

Casualties: 4 dead and 17 injured.

MUNICH

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MUNICH

E.1027 - Pol.Pres.
E.1024 - Reich Def.
 Commissar.
E.739 - Pol.Pres.

19/20 SEPTEMBER

Air Raid Warning sounded at 0012 hours on 20th September, i.e. with the raiding force about 10 minutes flying time from the Town. The first two waves rendez-voused at Starnbergersee-Ammersee and from there flew past Munich in an easterly direction. The third wave reached Munich at 0037. Of the approx. 65 aircraft reported over Reich territory about 30 were observed in the Munich area, of which 10-15 probably reached the Town Centre. They were 4 - engined bombers.

Bombs dropped:

55 mines (1 dud)
26 H.E.
58 Oil bombs (5 duds)
256 Phosphorus
5000 incendiary (some with H.E. head) } 116 duds)
314 flares.

Damage:

Thanks to the activity of the Flak only a few aircraft reached the Town centre. The comparatively large amount of damage would otherwise have reached catastrophic proportions. There were 71 major fires. Fire fighting appliances and crews were brought in from Ingolstadt and Augsburg. Flak expended 8000 rounds of 8.8cm, 36000 rounds of 2cm and 2000 3.7 cm shells.

From available original German documents it is impossible to analyse the damage to dwelling houses exactly but it appears that there were about 80 destroyed and some hundreds damaged. In addition 73 buildings occupied by industrial or commercial undertakings were destroyed (including 1 hospital). 100 were severely damaged and about 500 damaged to a lesser degree. 7 industrial concerns suffered damaged which caused 100% fall in production for an indefinite period.

44 buildings occupied by the Armed Forces were hit, of which 2 were destroyed, 5 severely damaged and 37 received medium or slight damage.

One building (the Money Order Office) of the Post Office, buildings of the railway stations Prinz-Ludwig Hohe and Solln were also hit. Tramway traffic was only interrupted for a

/short

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short time, although the Tramway Depot in the Auusseren Wienerstrasse was severely damaged. Two gasometers containing 28000 and 14000 cubic metres respectively were burnt out. 35 cases of damage to gas and water mains and power cables are reported. Also some damages to streets.

Casualties:

144 dead, 413 injured and 6069 homeless.

Particularly noteworthy is the effect on buildings of the horizontal blast effect of those bombs which explode by a sensitive contact fuse on paved streets or courtyards. Although these bombs leave only a small hole at the point of explosion, the horizontal blast is so great that the ground floor of 3-4 houses on each side of the street was simply shot away, so that the upper 3-4 floors collapsed vertically. Well under-pinned solid ceilings (to cellar air-raid shelters) (girder and concrete) were able to withstand the sudden increase of weight, so that those underneath could be dug out.

MUNICH

E.739 - Pol.Pres.
E.1027 - " "
8a2341 - LGK XII/XIII

21/22 DECEMBER

Of 50-60 aircraft reported in the LGK VII approx. 15 took part in the raid on Munich which lasted from 2110 hours to 2152 hours. Due to prompt action by the Flak around Munich it was not possible for all aircraft to penetrate to the Town Centre to unload their bombs. Fog over the town and along the Isar probably cut down visibility and thereby caused most of the bomb load to be dropped in the SW of the town. A specific target could not be discerned. The areas chiefly affected were: Forsterried, Solln, Waldfriedhof, and Westend in the South and Nymphenburg and Allach in the West Sectors. Only a few bombs were dropped on the inner town. Visibility at higher altitudes and outside the town towards Gauting and Starnberg was good. There was a full moon. In the inner town and along the Isar there was thick persistent fog to a height of about 150 metres.

Bombs dropped:

14 mines
48 H.E.
2 oil bombs.
170 phosphorus bombs (38 duds)

/5800

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5800 incendiaries (573 duds)
4 Flares and a large number of
leaflets.

Due to the fact that a high percentage of the bombs fell in open country the amount of damage to buildings and consequently also the number of casualties is small compared with the weight of bombs dropped. There were 48 instances of buildings destroyed and 176 damaged. A mine hit a military hospital at Schloss Nymphenburg, injuring 13 soldiers. The tram depots in the Westend-strasse and Hofmannstrasse suffered severe damage. At the Westend-strasse depot 88 trams and 31 buses were destroyed or severely damaged. 2 military installations were severely and 6 slightly damaged. Slight damage only to railway and post office installations. 1 Transformer house of the Electricity Works was destroyed by a mine. A gas works was also damaged by fire.

Casualties:

19 dead, 48 injured and 376 homeless.

Over the entire administrative area of Munich the following number of bombs are reported to have fallen:-

14 mines
2 Oil bombs
about 93 H.E.
" 270 phosphorus bombs
" 12624 incendiary bombs
" 51 flares

The following casualties are reported over the entire area:

25 dead and 55 injured.

NUREMBERG
E. 1320 - unknown
8a2211 - LGK XII/XIII

28/29 AUGUST

The raid lasted from 0110 hours till 0215 hours. The South and East of the town was mainly affected, little damage being inflicted on the Old Town.

Bombs dropped:

12 mines (3 duds)
112 H.E. (1 dud)
5000 incendiaries
200 Oil bombs
9800 phosphorus
12-15 flares
10-15 photo flashes
Many leaflets over the whole town area.

/Damage:

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Damage; Houses: 86 destroyed and 270 damaged.

Industrial: Reich Monopoly Co.: 200000 litre tank burnt out and a further similar one half destroyed. Several casks exploded.

Siemens-Schuckert Works III: 3 large stores burnt out and apprentices workshops severely damaged.

M.A.N.: Fire in the model store etc.

Weber: Damaged by blast, stopping manufacture of munitions.

Transport: Railway line Nuremberg to Munich and 3 coaches of the Nuremberg to Munich sleeper destroyed by direct hit, killing General von Hersenbrock. Tramway cables damaged in 11 places. Trams in the East Sector not able to run.

Military: Reserve Food Store in the Kongresshalle burnt out. 6 aircraft, including 4 Morane, damaged on the airfield.

Public Services: 41 cases of mostly slight damage to gas mains, 7 water main bursts and 8 cases of damaged electric cables.

The K.d.F. town with all its wooden buildings was burnt down. (K.d.F. = Kraft durch Fruede = Strength through Joy)

Casualties: 136 dead, 419 injured (50 seriously) and 2000 homeless.

19/20 JUNE Raid carried out by about 16-25 aircraft from about 0150 hours to 0220 hours.

Bombs dropped: 1 mine
50 H.B. (several D.A. or duds)
1000 incendiaries.

3 major, 50 medium and 100 smaller fires.

Damage; Houses: 90 destroyed and 189 damaged.

Industrial: The Wilhelm Karmann Vehicle Works was hit by 84 incendiaries which were soon put out causing only slight damage.
The Dyc Works of F.H. Hammersen A.G. was destroyed and the rest of the factory suffered the loss of all windows.

ONSABRUECK
CD.1282 - Factory
ARP Area
Niedersachsen

/The

R E S T R I C T E D

G. 3862/BC/2/57/

R E S T R I C T E D

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The report states that most of the damage was inflicted on smaller businesses * in the town centre because they had no organised fire-fighters or appliances. One firm, Frye, a forwarding agent is singled out as being typically guilty. Bales of cotton of considerable value were on the premises which were also completely burnt out. An Army Depot was also burnt out for the same reason. Further incidents occurred in the country districts of Norden, Aurich, Leer, Bentheim, etc.

Casualties: 12 dead and 90 injured.

* Referred to are the E.S. - Betriebe = Extended Self-protection businesses. These were public and private concerns for which the ordinary fire watching and spotting was insufficient but which did not warrant the fuller factory ARP organisation.

OSNABRUECK
As above

9/10 AUGUST

The Air Raid Alarm was sounded at 0140 hours and the All Clear at 0625. The actual attack took place between 0305 and 0425 hours by some 30-35 aircraft.

Bombs dropped: 180 H.E.
5 mines
some 20000 incendiaries
1000 phosphorus bombs

Casualties: 60 dead, 92 injured and 1600 homeless.

6 industrial buildings and the Central Post Office were severely damaged. 480 houses damaged. Water supply was interrupted in 2 places. The Goods Station, Leffers Store and the Barbara Barracks were damaged. The aircraft construction hall of the firm of Karmann was 100% destroyed and in the Army section production was resumed in a few days. Trams were stopped due to rubble blocking the streets. In the surrounding districts a considerable number of H.E's mines and incendiaries was dropped.

OSNABRUECK
8a2211 - LGK XII/XIII

17/18 AUGUST

The attack lasted from 0030 hours to 0200 hours and about 20-25 aircraft were employed.

/Bombs dropped:

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Bombs dropped: 167 H.E. (incl. 53 on decoy sites)
8-10000 incendiaries,
500 phosphorus bombs.

3 area fires were started.

Damage; Houses: 76 destroyed and 1050 damaged

Casualties: 10 dead and 32 injured.

2 ships in the harbour were sunk.

In the East Sector of the town
the Osnabrueck Copper and Wire
Works was set on fire.
Bales of cellulose at the firm of
Kacmerer were burnt.

OSNABRUECK

As above and

E.735 - Min. of Pub.

Inf. &

Propaganda.

CD.1282 - Factory

ARP Area

Niedersachsen.

6/7 OCTOBER

About 60 aircraft attacked between
2216 hours and 2331 hours.

Bombs dropped: 13 mines
400 H.E.
15000 incendiaries (incl. 500
phosphorus)
77 phosphorus drums.

Damage; Houses: 150 destroyed
140 severely damaged
835 slightly damaged.

Casualties: 62 dead, 141 injured and 1530
homeless.

Fires: 40 major, 78 medium and 121 smaller
fires.

Damage to 8 industrial buildings,
among them the Osnabrueck Copper
and Wire Works, the Hammersen-
Kloekner Works administrative
buildings, pattern shop and labora-
tory, the Karmann Vehicle Works.
Gasworks, castle and County Court
damaged. The railway from Osnab-
rueck to Hanover was cut.

ROSTOCK/WARNEMUENDE

CD.1282 - Factory

ARP Area

Niedersachsen.

(dated 18th May, 1942)

23/26 APRIL

It is estimated in Rostock that
during the 4 night attacks the
following bomb loads were dropped:

1000 H.E.
11000 incendiaries
53 phosphorus drums (this is
reckoned to be a low estimate)

Casualties: 163 dead, 622 injured and about
40000 homeless out of a population
of about 122000.

Damage; Houses: 1858 destroyed and 999 partially
destroyed.

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R E S T R I C T E D

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ROSTOCK/WARNEMUENDE
E.735 - Min. of Pub.
Inf. and
Propaganda.
8a2211 - LGK XII/XIII

1/2 OCTOBER

The majority of Factory ARP concerns were more or less severely damaged.

The Heinkel Program suffered a loss of approximately 1 months production. The assembly hall of the He.111 was severely damaged and about 50 machines, some completed and some still under construction were destroyed or severely damaged.

The raid was made by about 25-30 aircraft between 21.55 hours and 23.40 hours.

Bombs dropped:

1 mine
100 H.E.
1000 incendiaries
200 phosphorus

Casualties:

6 dead, 11 injured.

Damage; Houses:

18 destroyed
48 severely damaged.
236 slightly damaged.

Mines and H.E.'s dropped on Rostock-Dierkow damaged water main and electricity supply and telephone lines to Warne-muende. Water supply was cut for 4 days.

The Arado Aircraft Factory was hit, causing severe damage to the administrative buildings and 2 workshops. The taxiing area at the Heinkel Aircraft Factory was also damaged by H.E.'s.

RUESSELSHEIM

8/9 SEPTEMBER

Some of the raiders visiting Frankfurt on this date also bombed Ruesselsheim between mid-night and 0230 hours.

Bombs dropped:

5 mines
40 H.E.
3500 incendiaries
650 phosphorus bombs
30 phosphorus drums

Damage; Houses:

120 destroyed
300 severely damaged
800 slightly damaged.

Industrial:

Opel A.G.: Only slight damage was caused to the aircraft production department. A workshop containing spare parts for Army vehicles collapsed due to a direct hit by a mine. In the whole works there was severe damage through broken windows and several buildings and workshops suffered roof and wall damage.

/Casualties:

R E S T R I C T E D

R E S T R I C T E D

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Casualties: 48 dead (including 20 French POW)
90 injured (" 40 " ")

See also "Scatter" Report No. 10

SAARBRUECKEN

8a2270 - LGK XII/XIII
and Pol.Pres.
in Saarbruecken
E.2576 - Summaries
LGK XII/XIII

29/30 JULY

This was the first heavy raid on Saarbruecken, the alarm being sounded at 0119 hours. It was a very bright night which enabled the raiders to drop their bombs in large numbers on a practically undefended town, which had no Flak defences worth mentioning. The available Flak consisted only of a few light guns, which were intended for the protection of important industrial works. One of these was put out of action by a direct hit, killing 7 soldiers. The raiders could therefore attack the town without opposition for 1½ hours from 0130 to 0300 hours, partly at low level.

Bombs dropped:

21 mines
441 H.E. (350 large, 74 medium)
(9 duds/D.A.)
15500 incendiaries
840 phosphorus
8 flares and a large number of leaflets.

The main attack was directed at the Town Centre (main business street Adolf-Hitler Strasse) and the railways, where at the Goods Station the goods sheds were burnt out, the coach works at the Central Station destroyed, 100 passenger coaches burnt out, 29 locomotives damaged and in many places the track was torn up and installations destroyed. Railway traffic was therefore at a standstill for a short time, causing the loss of man-hours and delay in the supply of food. Tramway communications were interrupted by destruction of overhead cables, damage was also sustained by a number of Post Office buildings and installations. Damage to industrial plants includes:

Burbacher Foundry: Coke oven destroyed and laboratory burnt down, causing 100% fall in production for an indefinite period.

Luettgens Coach Factory: Severe damage to roofs of all buildings, production interrupted for a few days.

I.G. Farben Oxygen Plant: High tension plant, workshops, cooling

/system

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R E S T R I C T E D

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system destroyed. 100% fall in production temporarily. A number of smaller businesses also suffered severe damage, 3 of them being destroyed. 3 military installations were damaged.

Damage; Houses: 403 destroyed, 5729 damaged.

Casualties: 172 dead, 594 injured and 5706 homeless.

SAARBRUECKEN
Ca2211 - LGK XII/XIII
E.2576 - Summaries,
LGK XII/XIII

28/29 AUGUST

The raid lasted from 2342 hours until 0040 hours.

Bombs dropped: 1 mine
34 H.E. (1 dud)
1800 incendiaries

Casualties: 3 dead, 14 injured.

Damage: 455 houses were damaged. Fires were started inter alia in the Gau- (District) Theatre and a bank and at the Halberger Foundry, where the wood stores was burnt. No fall in production. There were 28 fires, mainly in attics and all were under control by 0430 hours. 1 tramway cable destroyed. Small fires at the Shunting Station and Goods Department of the Railway but no dislocation of traffic occurred. Small fires also in a camp for Russian civilian prisoners.

SAARBRUECKEN

1/2 SEPTEMBER

See "Scatter" Report No. 9

SAARBRUECKEN
Ca2211 - LGK XII/XIII

19/20 SEPTEMBER

A number of aircraft, the majority of which penetrated to Saarbruecken, entered the LGK area from 2304 to 0001 hours. They commenced their attack at about 2348 hours.

Bombs dropped: 4 mines (1 dud)
15 H.E.
1800 incendiaries
170 phosphorus bombs
4 oil bombs

Damage; Houses: 24 destroyed
16 severely damaged
63 slightly damaged.

Several incendiaries fell on the engine shed at the Central Station. Burbacher Foundry: About 1000 incendiaries and some oil bombs. Several fires. Painters workshop destroyed. 50% of prisoners barrack huts burnt. Slight drop

/in

R E S T R I C T E D

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in production.

Luettgens Coach Factory: Wood Store burnt out. 100% drop in production for a week.

Casualties: 1 dead, 9 injured

SAARLEUTERN
8a2211 - LGK XII/XIII

1/2 SEPTEMBER

Aircraft penetrated between 0225 and 0319 hours and carried out nuisance raids.

Bombs dropped: 2 mines
108 H.E.
3000 incendiaries
2000 phosphorus bombs

Damage; Houses: 141 destroyed
58 severe damage
30 medium damage
267 slight damage.

Casualties: 38 dead, 114 injured and 2000 homeless.

Industrial: Meguin Oil Works: 100% drop in production in Fats Department due to direct hit by H.E., 5 tank waggons severely damaged. 80% fall in production in Oil Department through H.E. damage.

STUTTGART
E.735 - Min. of Pub.

22/23 NOVEMBER

It was reported that 30 penetrations took place between 2024 hours and 2235 hours on 28 recognised routes, 16 from LGK XII/XIII and 12 from LGK Western France. The raid lasted from 2130 hours to 2245 hours.

The total number of bombs dropped on Stuttgart and surrounding country was:

98 H.E. (18 duds)
8 mines (1 dud)
32287 Incendiaries (4160 duds)
6 phosphorus drums
1007 Flares (20 duds)

Damage: Traffic at the Central Station ceased at 2300 hours, the automatic control system having been destroyed. Local traffic was stopped for 3-4 days, long distant traffic for an indefinite period. The Platform building was destroyed but the main building although severely damaged, was regarded as saved. Large craters at Vaihingen, cutting the Stuttgart Boeblingen line. A signal box at Vaihingen was destroyed. Severe damage to the station at Stuttgart-Rohr. The Railway Repair Shops at the East

/Station

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Station were damaged by fire. Overland cables (235000 and several 10000 volt) damaged and the 100000 volt cable Offenburg - Mannheim broken at Scheibenhardt through the destruction of several masts. Some 250 fires.

Military: Reich Labour Service (RAD) Camp at Vaihingen burnt out. A vehicle shed at a barracks Boeblingen was hit and a barracks in Vaihingen slightly damaged.

Casualties: 34 dead and 50 injured.

Houses: 112 destroyed and 220 severely damaged.

Many hotels and businesses near the Station were damaged. A publishing house, a brewery and a textile factory were destroyed. The Gas Works and a Herb Factory at Hechingen and Echterdingen respectively were also destroyed.

VEGERSACK

19/20 JULY

See "Scatter" Report No. 8

WILHELMSHAVEN

CD. 1282 - Factory
ARP Area
Niedersachsen

8/9 JULY

This raid was aimed primarily at Wilhelmshaven but the districts of Friesland, Aurich, Norden, Wittmund, Leer and Wesermarsch also came in for their share.

Wilhelmshaven:
Bombs dropped: 100 H.E. (incl. some duds or D.A.)
8000 incendiaries.

Houses: 25 destroyed and 95 severely damaged. The Police H.Q. was damaged and the garage of the Municipal Transport Co. was severely damaged. Slight damage also to the Naval shipyards.

Casualties: 23 dead and 152 injured.

Friesland: H.E.'s and incendiaries were dropped on 9 places, destroying some houses and damaging many more. 9 dead and 9 injured.

Aurich: Bombs were also dropped on 9 places in this district causing damage to property, 1 death and 4 injuries.

Wittmund: 12 places were attacked with H.E. (45) and incendiaries (75). 8 houses were destroyed and 30 damaged. 1 dead and 1 injured.

/Norden,

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R E S T R I C T E D

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<u>Norden, Leer & Wesermarschen</u>	A small number of H.E. and incendiaries, causing slight damage only.
<u>WILHELMSHAVEN</u> 8a2211 - LGK XII/XIII CD.1282 - Factory ARP Area Niedersachsen	<u>14/15 SEPTEMBER</u> About 80-100 aircraft took part in this raid. <u>Bombs dropped:</u> 100 H.E. (20 duds) 400 phosphorus 12000 incendiaries <u>Damage; Houses:</u> 100 destroyed 1544 medium to slight damage <u>Casualties:</u> 76 dead and 72 injured. 50 fires were started, 20 of which were large. The Main Station was burnt down. The telegraph and Post Offices and Goods Station were also hit. In addition the following bombs were dropped on a large number of places over a very wide area: 6 mines 80 H.E. 1560 incendiaries 102 phosphorus
<u>WISMAR</u> E.624 -- Min. of Pub. Inf. and Prop. 8a2211 - LGK XII/XIII	<u>23/24 SEPTEMBER</u> About 50 penetrations took place between 0215 and 0500 hours. <u>Bombs dropped:</u> 60 H.E. 4000 incendiaries. <u>Casualties:</u> 65 dead, 170 injured, 40 missing and 1100 homeless. 30 houses destroyed. Several fires, including 2 major ones. 45 cases of damage, mainly severe. Woehler Oil Installation in the harbour, a water main and a gasometer were hit. Telephone cables were also destroyed. There was a large fire in the Sugar Factory; the turbine house was destroyed. The electricity works were also severely damaged.

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R E S T R I C T E D

APPENDIX 'A' to
A.H.B.6 Translation VII/163

EVIDENCE REGARDING SOME "SCATTER" RAIDS

NO. 1 - 10/11 MARCH, 1942

On 19th March the following particulars of bombs dropped are reported, covering 5 ARP Areas - Westfalia North and South, Essen, Duesseldorf and Cologne-Aachen:

1 mine
some 130 H.E.
1500 incendiaries
2 phosphorus drums

A rough break-down shows that:

Westfalia N.	received	2+H.E.	+ incend.
" S.	"	26 H.E.	900 incend.
Essen	"	40 H.E.	200 incend. and 1 ph. drum.
Duesseldorf	"	1 H.E.	
Cologne-Aachen	"	13 H.E.	51 incend.

According to a map showing locations of incidents 170 H.E.'s and 1550 incendiaries are reported as falling on 48 places. This included 44 H.E.'s and 12 incendiaries on a group of decoy sites. Among the places shown as targets are:

Essen, Hilden, Dortmund, Herne, Remscheid, Recklinghausen, Hagen, Herten, Gelsenkirchen, Bochum, Oberhausen, Wuppertal, Cologne, Goch, Duermen. There is also evidence of incidents as far away as Holland - Arnhem and Rotterdam. 60 Aircraft are reported to have attacked between 2150 and 0045 hours, of which 3 was claimed to have been shot down.

Source: E.809 (Min. of Public Information and Propaganda)

Cf. Narrative IV, page 137 and Appendix 21, page 1.

NO. 2 - 12/13 MARCH, 1942.

Records show that Kiel was attacked by 28 aircraft which dropped 50 H.E. bombs, 4 of which did not explode and 21 of which fell on the Deutsche Works.

Besides these, records show that damage was caused at Wellsee, near Ploen, and 9 H.E.'s were dropped at 2 places in the neighbourhood of Eckernfoerde. Also some 40 H.E.'s fell in the districts of Rendsburg and Flensburg-Land. 4 H.E.'s are also reported in Neu-Jabel in Mecklenburg, near Ludwigslust.

In the ARP Areas of Schleswig-Holstein and Mecklenburg a total of 140 H.E. bombs were dropped. This figure should probably be increased by an indefinite number as a quantity of incendiaries are reported which were probably small H.E.'s.

Mention is made of quenching 3 fires which were started by flares (not incendiaries). Special attention is drawn to the fact that of 54 H.E.'s, 28 (including 2 duds) fell in gardens or open country.

2 Fire and 2 Medical Gruppen were sent to Wellsee to help at the hitted camp of the Germaia Yards.

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With regard to Emden the report states that 10 H.E.'s were dropped, damaging some houses. A further 21 H.E.'s fell in the Osnabrueck and Cloppenburg districts, causing only slight material damage.

Sources: E.809 (Min. of Public Information and Propaganda)
E.2391 (Police President)

Cf. Narrative IV, page 137 and Appendix 21, page 1.

NO. 3 - 13/14 MARCH, 1942.

Although the raid on this night was aimed at Cologne, where good results were obtained, the bomb load (159.8 tons) was scattered over a fairly wide area at places as far apart as Wesel, north of Oberhausen, and the Siegkreis, south of Cologne.

In the three ARP Districts of Duesseldorf, Essen and Cologne-Aachen the following numbers of bombs are reported to have fallen:

5 mines
200 H.E.
5000-5600 incendiaries and
21 phosphorus drums

of which

4 mines
104 H.E.
3569 incendiaries (incl. 22 250 lb. oil bombs)
and 10 phosphorus drums

fell on Cologne. In the Siegkreis

22 H.E. and
100 incendiaries

are reported to have been dropped. At Bruenen near Wesel about 1500 incendiaries were dropped and a decoy site was attacked by M.G. In addition Duesseldorf, Wuppertal, Leverkusen, Opladen, Grevenbroich received about 11 H.E. and some 500 incendiaries.

Source: E.809 (Min. of Public Information and Propaganda)

Cf. Narrative IV, page 136 and Appendix 21.

NO. 4 - 25/26 MARCH, 1942

Records confirm that this Essen raid was scattered and shows that 480 H.E. and 5420 incendiaries were dropped on 5 ARP Areas, namely Westfalia-North and South, Essen, Duesseldorf and Cologne-Aachen. Some of the incendiaries were 250 lbs. A map compiled of the raid at about 0800 on 26th March records only about 60 aircraft as taking part. This is most certainly an underestimate, due possibly to the concentration of numbers in the night attacking forces.

Of the bombs dropped on approx. 25 places some 100 H.E.'s and 40 incendiaries fell on 6 decoy sites clustered between Solingen and Leverkusen (not in the Rheinberg district).

/The main

R E S T R I C T E D

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The main damage was inflicted on Duisburg where severe material damage was caused to the August Thyssen Works and the Ruhrort-Meiderich Foundry. A number of river barges and block ships, a passenger boat and a floating crane were sunk in the harbour and a further number of barges sustained damage.

Sources: E.809 (Min. of Public Information and Propaganda) and Raid Map.

Cf. Narrative IV, page 139 and Appendix 21, page 2

NO. 5 - 26/27 MARCH, 1942

This raid, mainly aimed at Essen, was scattered over 4 ARP Areas, with a total of some 155 H.E. and some 4000 incendiaries dropped. They were distributed as follows:-

Westfalia North	25 H.E.	1 incendiary
Westfalia South	4 H.E.	
Essen	120 H.E.	4000 incendiaries
Duesseldorf	5 H.E.	

The number of attacking aircraft is said to be between 30 and 35.

In ARP Area Westfalia North considerable damage is reported in Scholven where a coking plant was hit and the machine house set on fire. The Gelsenkirchen-Bismarck Transformer Station was hit but little damage done. The Gelsenberg Petrol Co. was also hit and a petrol pipe damaged.

In the Essen ARP Area at Duisburg 2 Army ships were holed by incendiaries and 3 further ships hit, of which one was sunk. 1 benzol tank containing 100000 litres was set on fire and railway traffic interrupted at 3 places.

In Essen a sulphuric acid container of the Essen-Borbeck Zinc Foundry was hit.

In the 2 other ARP Areas only slight damage was done.

About 9 H.E. bombs fell on a cluster of 4 decoy sites between Coesfeld and Muenster.

From a map of the raid the following additional details are given:

Gelsenkirchen: A 100000 volt cable destroyed. Decrease in production of coke gas as a result of damage to the Scholven plant was 45-50000 cubic metres an hour.

Source: E.809 (Min. of Public Information and Propaganda)

Cf. Narrative IV, page 139 and Appendix 21, page 2.

No. 6 1/2 JUNE, 1942

This 1000 bomber raid on Essen is confirmed as scattered. According to source document 5 ARP Areas were attacked. These were: Westfalia North and South, Essen, Duesseldorf and Cologne-Aachen. The following details are given:

Westfalia N.	- Rocklinghausen:	2 dead.
"	S. - Bochum:	1 dead, 20 injured.
	- Wanne-Eickel-Wattenscheid:	3 dead, 5 injured.
Essen	- Essen:	8 dead, 30 injured.

/Oberhausen:

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- Oberhausen: 10 dead, about 150 injured.
108 buildings destroyed
54 major fires.
- Duisburg: 40 dead, 108 injured.
96 buildings destroyed and
185 severely damaged
Large number of fires.
- Muelheim: 15 dead, 35 injured and several missing.
- Geldern: 8 dead, 8 injured.
- Dinslaken: 5 dead.
- Walsum: 2 dead, 9 injured.
- Duesseldorf: - E.-Gladbach: 2 dead.
- Cologne-Aachen. 4 dead, 7 injured.

Sources: CD.1282 (Factory ARP Area Niedersachsen)

Cf. Narrative IV, pages 175/6

NO. 7 8/9 JUNE, 1942

During this raid aimed primarily at Essen bombs were dropped in 4 ARP Areas, namely Westfalia-North and South, Essen and Duesseldorf. The total bomb load dropped was:

60 H.E. (Approx.)
10240 Incendiaries (Approx.)
3 mines
2 phosphorus drums.

Casualties amounted to 43 killed and 93 injured besides a number buried under the rubble.

Details from the individual areas are as follows:-

- Westfalia N. 3 H.E. & 1200 incendiaries dropped; 4 dead, 6 injured.
In Buer-Koenigswiese the Deutsche Iron Works and industrial targets attacked.
Slight damage to the Schalker Verein in Gelsenkirchen.
The railway line Muenster - Hamm closed on account of duds.
- Westfalia S. 15 H.E. and 1200 incendiaries dropped as well as 2 phosphorus drums.
3 dead 31 injured and a number still buried.
A train between Bockum and Wattenscheid damaged by fire.
Slight damage to property. One woodland fire.
- Essen 3 mines, 32 H.E. and 6440 incendiaries.
35 dead, 46 injured and 5 missing. In Essen itself 12 houses destroyed and 255 damaged. Damage to houses in Duisburg. Ruhrort-Meiderich Foundry damaged. Railway permanent way installations destroyed.
A mine in Hamborn-Marxloh caused some deaths and damage to houses. A large fire was caused at the August Thyssen Foundry. In Muelheim the Coal Research Institute was hit

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/by

R E S T R I C T E D

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by incendiaries, also a tube works and 2 gas mains hit.
Several woodland fires.

Duesseldorf: 4 H.E. & 1400 incendiaries.
1 dead and 10 injured
In Muenchen-Gladbach there was a large fire in a joinery works, causing 100% decrease in production for a indefinite period. One tram cable broken. Duesseldorf, Krefeld and Wuppertal suffered only slight damage.
2 boat houses containing 300 paddle boats destroyed by fire.

Source: E.624 (Ministry of Public Information and Propaganda)

Cf. Narrative IV, page 178, and Appendix 21, page 10

NO. 8 - 19/20 JULY, 1942

During the night 19/20th July several bombers entered the Weser-Ems area. The attacks were mainly directed against the towns of Oldenburg, Bremen and places in the country district of Wesermarsch.

Oldenburg: About 27 H.E. and 2000 incendiaries were dropped, destroying 2 houses and damaging 31. Considerable material damage was caused to one public supply undertaking as well as to agricultural concerns. 4 dead, 12 injured.

Bremen: 33 H.E. and about 250 incendiaries destroyed 1 house and damaged 52. Damage was also caused to industrial undertakings but there was no loss in production. 4 dead, several injured.

In a number of country districts a further quantity of H.E. and incendiary bombs were dropped but only comparatively slight damage was caused with a small number of casualties.

The above confirms the fact that this was not a successful raid.

Source: CD.1282 (Factory ARP Area Niedersachsen)

Cf. Narrative IV, page 189, and Appendix 21, page 14.

NO. 9 1/2 SEPTEMBER, 1942

The following places in the Saarbruecken neighbourhood were hit instead of Saarbruecken itself:

Saarlautern, Wallerfangen, Dillingen, Voelkingen, Ballern, Merzig, Mandern, Riegelsberg, Ludweiler-Warndt, Saargemuend.

Bombs fell on these places as follows:-

/Saarlautern

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Place	Mines	H.E.	Incend.	Ph.B's	Ph.Drums
Saarlautern	2	108	3000	2000	
Wallerfangen		6	500		
Dillingen	1	18	1500		
Voelkingen		1	numerous		
Ballern		4			
Merzig		3			
Handern					3
Riegelsberg			600		
Ludweiler-Warndt			100		
Saargemuend	1	several	numerous		
TOTAL	4	104 +	5700 +	2000	3

Other small places and open country were on the receiving end of further bomb sticks.

The weekly report covering 30th August - 6th September shows the distribution of bombs dropped in 46 raids, the majority on 1st/2nd September, as follows:

	Mines	H.E.	Incend.	Ph.B's	Ph.Drums
Total	8	224	9916	2170	3
Industr. Targets	1	14	816	179	-
Resid. "	6	172	7270	1951	-
Open country	1	38	1830	40	3

Source: 8a2211 (L.G.K. XII/XIII)

Cf. Narrative IV, page 201

NO. 10 - 8/9 SEPTEMBER, 1942

The following places in the Frankfurt area are shown as having been attacked: Ruesselsheim, Frankfurt, Mainz, Floersheim, Hochheim, Markt Mars, Nauheim, Airfield at Rebstock, Hof Ruediger, Boot 2, Wolfskehlem, Dietzenbach.

Bombs were dropped on these places as follows:-

Place	Mines	H.E.	Incend.	Ph.B.	Ph.D.	Oil
Ruesselsheim	5	40	3500	650	30	
Frankfurt	3	6	4000	500	20	
Mainz	3	70	3000	200		
Floersheim		6	400	100		
Hochheim		1	100		20	
Markt Mars		39	numerous			
Nauheim		6			40	
Airfield Rebstock		4				
Hof Ruediger	1	25	4000	500		
Boot 2			300		100	
Wolfskehlen	1	1		40		
Dietzenbach		3				15
TOTAL	13	201	15300 +	1990	210	15

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A considerable quantity of bombs of all types was in addition dropped on a number of other smaller places and in the open country.

From a weekly report covering 6 - 13 September the following table is an extract of the distribution of bombs dropped.

	Mines	H.E.	Incend.	Ph.B's.	Ph.Drums
Total	22	350	25673	6938	362
On Decoy Sites	8	152	11400	5260	242
On Indus. "	3	-	1050	50	-
On Resid. "	9	152	12098	1470	120
Open Country	2	41	1125	158	

Source: 8a2211 (L.G.K. XII/XIII)

Cf. Narrative IV, page 204

NO. 11 - 16/17 SEPTEMBER, 1942

Although a fairly large quantity of bombs were dropped on Essen, the primary target, German documents show that a not inconsiderable load was dropped on fairly widely distant areas. In addition to the ARP Area of Essen a further 6 Areas are reported to have been attacked. These are: Hessen-Nassau, Moselland, Westfalia North and South, Cologne-Aachen and Duesseldorf. The following table shows details of bombs dropped.

ARP Area	Mines	H.E.	Incend.	Ph.B's.	Ph.Drs.
Essen	14	90	18000	100	6
Hessen-Nassau		9	25	1	6
Moselland	No details available				
Westfalia South	several	15	17550		
Westfalia North	9	47	11000		
Cologne-Aachen		some			some
Duesseldorf		54	453 +	some	

The above figures are reported as soon after the raid as 18th September and are undoubtedly an underestimation.

Some indication of the damage caused in various towns is given as follows:-

Duisburg:	Niederrhein Foundry damaged; 6 ships in harbour slightly damaged; Army stock of iron girders severely damaged; Niemag Machine factory severely damaged; causing 30% decrease in production for 14 days.
Oberhausen:	No industrial damage reported.
Muelheim:	No industrial damage reported
Duesseldorf:	Damage reports not yet available.
Herne:	Major fire in a motor (engine) shop.
Bochum:	20 major fires.
Wuppertal:	3 installations hit (no indication of type of installation)

/Recklinghausen

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Recklinghausen: An ammunition train in Kirchhellen hit and 30 waggons blew up.

Gelsenkirchen: 4 industrial concerns damaged
Further, there are details of houses destroyed and damaged and number of casualties.

Source: E.624 (Ministry of Public Information and Propaganda)

Cf. Narrative IV, page 206 and Appendix 21, page 25.

NO. 12 - 13/14 OCTOBER, 1942

Reports say that 100 penetrations took place, of which 70 flew into Schleswig-Holstein from the North, South and West. 40 of these 70 came to Kiel while a further 18 went to Eckernfoerde, Ploen and Neumuenster, thereby flying over the area of Kiel. Some 20 aircraft are reported as having attacked Hamburg. The Police President's report gives the number of bombs dropped as follows:-

<u>H.E.</u>	<u>Mines</u>	<u>incend.</u>	<u>phos.</u>	<u>Oil bombs</u>
76	3	ca.15000	814	1

The Ministry of Public Information and Propaganda report, dated 14th October, states that Ploen, Suederditmarschen and Eckernfoerde received medium damage to houses, damage to windows and roofs and there were several fires. It states further that some 20 aircraft attacked Hamburg, mainly the residential districts. During this attack 8 H.E.'s and 156 incendiaries, of which 6 were phosphorus, were dropped. Only slight damage to houses is reported.

Sources: E.809 (Ministry of Public Information and Propaganda)

E.2391 (Police President)

Cf. Narrative IV, page 210 and Appendix 21, page 27.

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APPENDIX 'B' to
A.H.B.6 Translation VII/163

ALLIED RAIDS ON GERMANY - 1942

TOWN INDEX

<u>Town</u>	<u>Date of raid</u>
<u>Aachen</u>	5/6 October.
<u>Bremen</u>	1/2 June, 3/4 June, 25/26 June, 27/28 June, 29/30 June, 2/3 July, 4/5 September, 13/14 September.
<u>Cologne</u>	13/14 March, 5/6 April, 27/28 April, 30/31 May, 15/16 October.
<u>Dillingen (Saar)</u>	1/2 September
<u>Dortmund</u>	14/15 April
<u>Duesseldorf/Neuss</u>	31 July/1 August, 10/11 September.
<u>Duisburg</u>	21/22 July, 23/24 July, 6/7 September, 20/21 December.
<u>Emden</u>	15/16 January, 6/7 June, 22/23 June.
<u>Essen</u>	8/9 March, 9/10 March, 10/11 March, 25/26 March, 26/27 March, 10/11 April, 12/13 April, 2/3 June, 8/9 June, 16/17 September.
<u>Frankfurt/M.</u>	24/25 August, 8/9 September.
<u>Hamburg</u>	8/9 April, 17/18 April.
<u>Hanover</u>	9/10 November.
<u>Karlsruhe</u>	2/3 September.
<u>Kassel</u>	27/28 August.
<u>Kiel</u>	12/13 March, 28/29 April, 13/14 October.
<u>Krefeld</u>	2/3 October.
<u>Lübeck</u>	28/29 March, 16 July
<u>Mainz</u>	11/12 August, 12/13 August, 8/9 September.
<u>Mannheim/Ludwigshafen</u>	19/20 May
<u>Munich</u>	19/20 September, 21/22 December.
<u>Neuss</u>	(see Düsseldorf)
<u>Nuremberg</u>	28/29 August.
<u>Osnabrück</u>	19/20 June, 9/10 August, 17/18 August, 6/7 October.

/Rostock/Warnemünde

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<u>Town</u>	<u>Date of raid</u>
<u>Rostock/Warnemünde</u>	23-26 April, 1/2 October.
<u>Rüsselsheim</u>	8/9 September.
<u>Saarbrücken</u>	29/30 July, 28/29 August, 1/2 September, 19/20 September.
<u>Saarlautern</u>	1/2 September.
<u>Stuttgart</u>	22/23 November.
<u>Veogesack</u>	19/20 July.
<u>Wilhelmshaven</u>	8/9 July, 14/15 September.
<u>Wismar</u>	23/24 September.

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APPENDIX 'C' to
A.H.B.6 Translation VII/163

ALLIED RAIDS ON GERMANY - 1942

CHRONOLOGICAL INDEX

<u>Date</u>	<u>Town</u>
15/16 January	Emden
8/9 March	Essen
9/10 March	Essen
10/11 March	Essen
12/13 March	Kiel
13/14 March	Cologne
25/26 March	Essen
26/27 March	Essen
28/29 March	Lübeck
5/6 April	Cologne
8/9 April	Hamburg
10/11 April	Essen
12/13 April	Essen
14/15 April	Dortmund
17/18 April	Hamburg
23-26 April	Rostock-Warnemünde
27/28 April	Cologne
28/29 April	Kiel
19/20 May	Mannheim/Ludwigshaven
30/31 May	Cologne
1/2 June	Bremen
2/3 June	Essen
6/7 June	Emden
8/9 June	Essen
19/20 June	Osnabrück
22/23 June	Emden
25/26 June	Bremen
27/28 June	Bremen
29/30 June	Bremen
2/3 July	Bremen
8/9 July	Wilhelmshaven
16 July	Lübeck
19/20 July	Veogesack
21/22 July	Duisburg
23/24 July	Duisburg
29/30 July	Saarbrücken
31 July/1 August	Duesseldorf
9/10 August	Osnabrück
11/12 August	Mainz
12/13 August	Mainz
17/18 August	Osnabrück
24/25 August	Frankfurt/M.
27/28 August	Kassel
28/29 August	Nuremberg, Saarbrücken

R E S T R I C T E D

/1/2 September

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<u>Date</u>	<u>Town</u>
1/2 September	Dillingen (Saar), Saarlautern, Saarbrücken
2/3 September	Karlsruhe
4/5 September	Bremen
6/7 September	Duisburg
8/9 September	Rüsselsheim, Frankfurt, Mainz.
10/11 September	Düsseldorf/Neuss
13/14 September	Bremen
14/15 September	Wilhelmshaven
16/17 September	Essen
19/20 September	Saarbrücken, Munich
23/24 September	Wismar
1/2 October	Rostock/Warnemünde
2/3 October	Krefeld
5/6 October	Aachen
6/7 October	Osnabrück
13/14 October	Kiel
15/16 October	Cologne
9/10 November	Hanover
22/23 November	Stuttgart
20/21 December	Duisburg
21/22 December	Munich

R E S T R I C T E D