

Government of India
Ministry of Petroleum and Natural Gas
Economic & Statistics Division

New Delhi
Dated the 25th November, 2020

Monthly Production Report
October, 2020

1. Production of Crude Oil

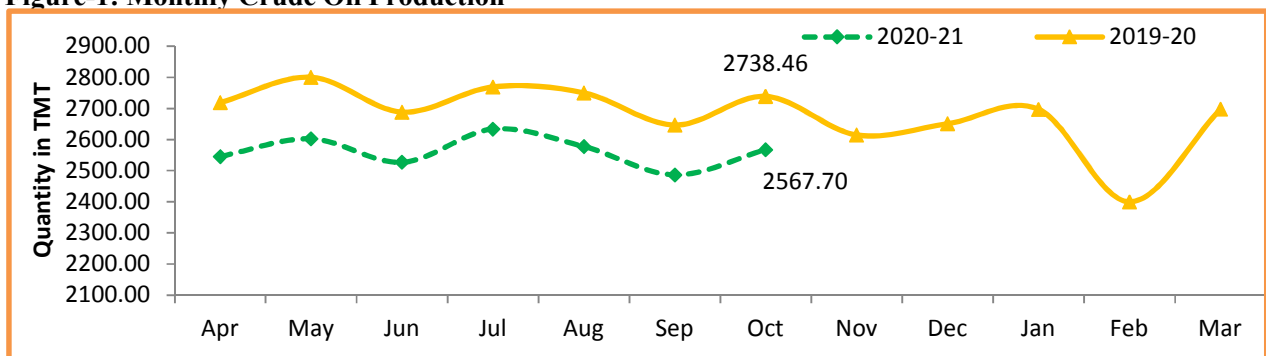
Crude oil production¹ during October, 2020 was 2567.70 TMT which is 7.10% lower than target and 6.24% lower when compared with October 2019. Cumulative crude oil production during April-October, 2020 was 17940.49 TMT which is 5.0% and 6.12% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and State-wise crude oil production is given at **Annexure-I**. Unit-wise crude oil production for the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis same period of last year has been shown in Table-1 and month-wise in **Figure-1**.

Table-1: Crude Oil Production (in TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
		2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	20931.54	1784.43	1707.03	1712.95	99.65	12283.81	11860.92	11965.08	99.13
OIL	3268.00	279.92	256.73	272.57	94.19	1841.94	1742.14	1886.83	92.33
PSC Fields	8265.00	699.45	603.95	752.94	80.21	4759.52	4337.42	5258.52	82.48
Total	32464.53	2763.80	2567.70	2738.46	93.76	18885.27	17940.49	19110.43	93.88

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure-1: Monthly Crude Oil Production



Unit-wise production details with reasons for shortfall are as under:

¹Including condensate

1.1 Crude oil production by **ONGC** in nomination block during October, 2020 was 1707.03 TMT which is 4.34% lower than target and 0.35% lower when compared with October 2019. Cumulative crude oil production by ONGC during April-October, 2020 was 11860.92 TMT which is 3.44% and 0.87% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Production planned from WO16 cluster could not be realized due to delay in MOPU (Sagar Samrat) as activities at GPC yard Abu Dhabi got affected due to Covid restrictions/lockdown
- ❖ Production planned from new wells in Ratna field affected due to non- availability of Electrical Submersible Pumps for well completion due to implications of COVID-19
- ❖ New wells planned under Cluster 8 development project delayed due to toppling of D-30-2 platform jacket during installation and further delay in installation of new platforms due to COVID implications.

1.2 Crude oil production by **OIL** in the nomination block during October, 2020 was 256.73 TMT which is 8.28% lower than the monthly target and 5.81% lower than the October, 2019. Cumulative crude oil production by OIL during April-October, 2020 was 1742.14 TMT which is 5.42% and 7.67% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Less than planned contribution from workover wells, drilling wells and old wells.
- ❖ Rise in water cut and decline in liquid production from existing wells.
- ❖ Bandhs /blockade by local people and associations etc. after the Baghjan Blowout, protests/agitation etc.

1.3 Crude oil production by **Pvt/JVs** companies in the PSC (production sharing contract) regime during October, 2020 was 603.95 TMT which is lower by 13.65% than the monthly target and 19.79% lower than October, 2019. Cumulative crude oil production by Pvt/JVs companies during April-October, 2020 was 4337.42 TMT which is 8.87% and 17.52% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ RJ-ON-90/1 (CEIL): (1) Mangala: - Major elements brought online in the last week of October, Slug catcher and sections of productions lines are to be hooked up. (2) Bhagyam: Artificial lift malfunction. Delayed polymer injection. Addl. Downtime-Over Head Line/Grid failures. (3) Aishwarya: Delayed polymer injection. Additional downtime due to Electrical Submersible Pump failures in few wells. (4) ABH: Delay in hook-up of ABH Stage-2 wells. (5) Satellite Fields: Failure or flow cease in few wells. (6) Tukaram & Kaam-1: Well and Surface Facility construction schedule impacted by COVID-19.
- ❖ RAVVA (CEIL): Ullage problem due to Production reduced causing kink in Hose pipe in Aug-2020. Production reduced by 50% for few days in October 2020. Rectification job ongoing.
- ❖ CB-ONN-2003/1 (ONGC): Deviation due to non-acceptance of crude by Off the Shelf (OTS) Ravva (ullage problem).

- ❖ CB-ONN-2000/1 (GSPC): Well PK#2 became non-producing in Dec-2019 due to possible casing damage and reservoir issues. Well SE_DEV#1, SE#1A and SE1#A1 is shut-in due to unavailability of effective demulsifier to break tight water and oil emulsion.
- ❖ CY-ONN-2002/2 (ONGC): Well MDDD couldn't be drilled and completed because of local agitation.

2. Production of Natural Gas

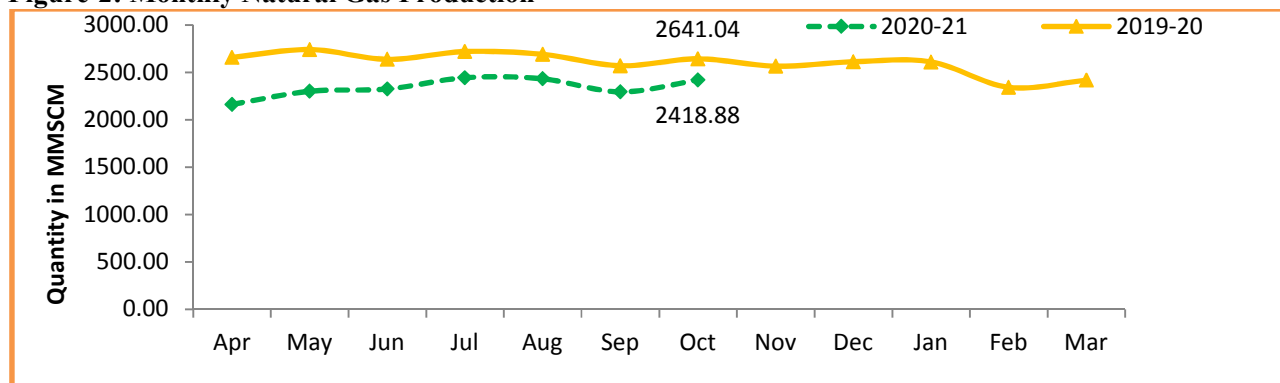
Natural gas production during October, 2020 was 2418.88 MMSCM which is 18.20% lower than the monthly target and 8.41% lower when compared with October, 2019. Cumulative natural gas production during April-October, 2020 was 16372.77 MMSCM which is 13.90% and 12.19% lower than target for the period and production during corresponding period of last year respectively. Unit-wise and state-wise natural gas production is given at **Annexure-II**. Unit-wise natural gas production for the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis same period of last year has been shown in Table-2 and month-wise in Figure-2.

Table-2: Natural Gas Production (in MMSCM)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
ONGC	24437.08	2061.06	1883.75	1954.35	96.39	14293.51	12863.07	14026.06	91.71
OIL	3181.54	289.74	222.48	239.23	93.00	1850.13	1464.28	1623.61	90.19
PSC Fields	6826.82	606.20	312.64	447.46	69.87	2871.99	2045.42	2996.49	68.26
Total	34445.44	2957.00	2418.88	2641.04	91.59	19015.63	16372.77	18646.15	87.81

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure-2: Monthly Natural Gas Production



2.1 Natural gas production by **ONGC** in the nomination blocks during October, 2020 was 1883.75 MMSCM which is 8.60% lower than target and 3.61% lower when compared with October 2019. Cumulative natural gas production by ONGC during April-October, 2020 was 12863.07 MMSCM which is 10.01% and 8.29% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Closure of Gas wells in western offshore due to Hazira Plant shutdown on 24.09.20 and subsequent normalization.
- ❖ Less Gas production from WO16 cluster due to delay in MOPU and non-realization of gain planned from new subsea wells in Bassein field due to delay in subsea umbilical connections/hook up jobs in view of Covid-19 implications.
- ❖ Less than planned production from Vasistha/S1 wells in EOA due certain reservoir related issues.

2.2 Natural gas production by **OIL** in the nomination block during October, 2020 was 222.48 MMSCM which is 23.21% lower than monthly target and 7.0% lower than October, 2019. Cumulative natural gas production by OIL during April-October, 2020 was 1464.28 MMSCM which is 20.85% and 9.81% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ Low upliftment/demand of gas by the major customers.
- ❖ Bandhs /blockade by local people and associations etc. after the Baghjan Blowout, protests/agitation etc.

2.3 Natural gas production by **Pvt/JVs** companies in the PSC (production sharing contracts) regime during October, 2020 was 312.64 MMSCM which is 48.43% lower than monthly target and 30.13% lower than October, 2019. Cumulative natural gas production by Pvt/JVs during April-October, 2020 was 2045.42 MMSCM which is 28.78% and 31.74% lower than target for the period and production during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ KG-DWN-98/3 (RIL): D-34 production commencement delayed due to COVID 19 pandemic. Production expected to commence in Nov End '2020.
- ❖ RJ-ON/6 (FEL): Power Plant customer has further reduced gas off take as one of the Gas turbine is on emergency shutdown.
- ❖ RJ-ON-90/1 (CEIL): RDG - Delay in new Raageshwari Deep Gas (RDG) start up due to Covid-19.
- ❖ KG-DWN-98/2 (ONGC): Less Gas production from well due to reduction of choke. (ONGC)
- ❖ Raniganj East (ESSAR): Production curtailed due to limited sales off-take.

3. Crude Oil Processed (Crude Throughput)

Crude Oil Processed during October, 2020 was 18389.27 TMT which is 15.26% lower than the target for the month and 16.13% lower when compared with October, 2019. Cumulative crude throughput during April-October, 2020 was 118555.33 TMT which is 18.41% and 19.71% lower than target for the period and crude throughput during corresponding period of last year respectively. Refinery-wise details of the crude throughput and capacity utilization during the month of October, 2020 vis-à-vis October, 2019 are given at **Annexures-III and Annexures -IV**. Company-wise crude

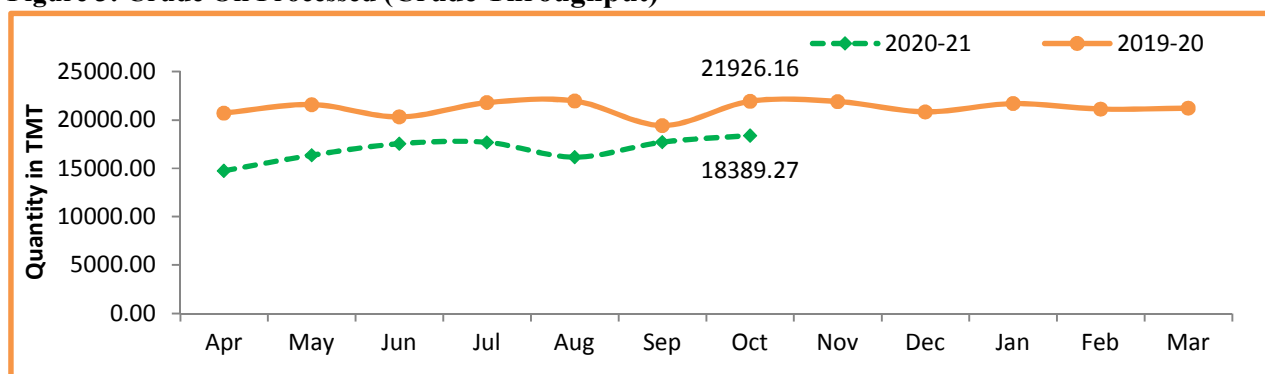
throughput for the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis same period of last year has been shown in Table-3 and month-wise in Figure-3.

Table 3: Crude Oil Processed (Crude Throughput) (in TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	148031.12	12782.65	10763.45	12473.31	86.29	84186.56	65396.27	83657.71	78.17
IOCL	72499.86	6565.53	5662.06	6042.68	93.70	41651.68	32561.32	40862.90	79.68
BPCL	30499.95	2733.57	2116.95	2679.46	79.01	17888.79	12781.12	17884.98	71.46
HPCL	17867.47	918.94	1288.84	1388.35	92.83	10107.83	9321.98	9872.82	94.42
CPCL	9000.00	930.00	725.26	711.09	101.99	4470.00	4108.58	5899.85	69.64
NRL	2700.00	229.00	232.23	246.41	94.24	1582.00	1500.61	1640.77	91.46
MRPL	15400.00	1400.00	731.02	1397.96	52.29	8450.00	5077.96	7445.37	68.20
ONGC	63.83	5.61	7.10	7.37	96.36	36.27	44.70	51.02	87.62
JVs	14772.00	1236.00	1599.32	1771.04	90.30	8535.00	9239.89	11411.12	80.97
BORL	7800.00	660.00	561.14	666.67	84.17	4560.00	3072.32	4445.74	69.11
HMEL	6972.00	576.00	1038.18	1104.36	94.01	3975.00	6167.58	6965.39	88.55
Private	89515.16	7681.81	6026.50	7681.81	78.45	52585.59	43919.17	52585.59	83.52
RIL	68894.99	5897.66	5463.71	5897.66	92.64	40400.68	34440.56	40400.67	85.25
NEL	20620.18	1784.16	562.79	1784.16	31.54	12184.92	9478.61	12184.92	77.79
TOTAL	252318.28	21700.46	18389.27	21926.16	83.87	145307.16	118555.33	147654.43	80.29

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
2. Totals may not tally due to rounding off.

Figure 3: Crude Oil Processed (Crude Throughput)



3.1 CPSE Refineries' crude oil processed during October, 2020 was 10763.45 TMT which is 15.80% lower than the target for the month and 13.71% lower when compared with October, 2019. Cumulative crude throughput by CPSE refineries during April-October, 2020 was 65396.27 TMT which is 22.32% and 21.83% lower than target for the period and crude throughput during corresponding period of last year respectively. Reasons for shortfall in production are as under:

- ❖ IOCL-Barauni, Koyali, Haldia, Mathura, Panipat and Paradip: Crude processed regulated for low product demand due to COVID impact.

- ❖ HPCL-Mumbai: Crude processed lower due to major power disturbance in Mumbai resulting in shutdown of primary and secondary units.
- ❖ HPCL-Visakh: Crude processed lower due to unplanned shutdown of secondary unit.
- ❖ CPCL-Manali & MRPL-Mangalore: Crude processed lower due to Lower demand due to impact of COVID-19 lockdown.

3.2 JV refineries' crude oil processed during October, 2020 was 1599.32 TMT which is 29.39% higher than the target for the month but 9.70% lower when compared with October, 2019. Cumulative crude throughput during April-October, 2020 was 9239.89 TMT which is 8.26% higher than target for the period but 19.03% lower when compare with the corresponding period of last year respectively.

3.3 Private refineries' crude oil processed during October, 2020 was 6026.50 TMT which is 21.55% lower than the corresponding month of last year. Cumulative crude throughput during April-October, 2020 was 43919.17 TMT which is 16.48% lower than the corresponding period of last year.

4. Production of Petroleum Products

Production of Petroleum Products during October, 2020 was 18876.54 TMT which is 15.44% lower than the target for the month and 16.97% lower when compared with October, 2019. Cumulative production during April-October, 2020 was 126165.06 TMT which is 14.97% and 16.37% lower than target for the period and production during corresponding period of last year respectively. Unit-wise production of petroleum products is given at **Annexure-V**. Company-wise production for the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis same period of last year has been shown in Table-4 and month-wise in Figure-4.

4.1 Production of petroleum Products by Oil's Refineries during October, 2020 was 18513.65 TMT which is 15.59% lower than the target for the month and 17.07% lower when compared with October, 2019. Cumulative production of petroleum products by refineries during April-October, 2020 was 123714.97 TMT which is 15.07% and 16.45% lower than target for the period and production during corresponding period of last year respectively.

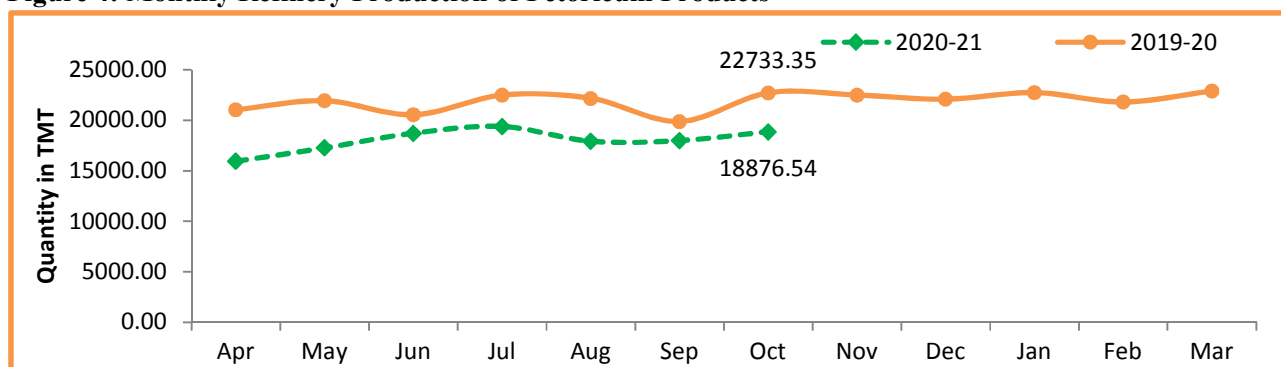
4.2 Production of petroleum Products by Fractionators during October, 2020 was 362.89 TMT which is 6.81% lower than the target for the month and 11.45% lower when compared with October, 2019. Cumulative production by Fractionators during April-October, 2020 was 2450.09 TMT which is 9.64% and 11.90% lower than target for the period and production during corresponding period of last year respectively.

Table 4: Production of Petroleum Products (TMT)

Oil Company	Target	October (Month)				April-October (Cumulative)			
	2020-21 (Apr-Mar)	2020-21		2019-20	% over last year	2020-21		2019-20	% over last year
		Target	Prod.*	Prod.		Target	Prod.*	Prod.	
CPSE	139203.86	12030.97	10348.46	11886.45	87.06	79205.03	61986.54	78809.19	78.65
IOCL	68912.87	6255.07	5576.39	5815.09	95.90	39587.80	31265.23	38830.53	80.52
BPCL	28965.13	2583.27	2027.50	2651.43	76.47	17000.52	12277.93	16913.79	72.59
HPCL	16438.97	840.28	1127.25	1325.34	85.05	9302.60	8666.78	9187.12	94.34
CPCL	8278.87	862.88	701.65	635.35	110.44	4075.99	3756.69	5423.16	69.27
NRL	2660.91	226.00	258.82	238.76	108.40	1560.10	1518.65	1586.94	95.70
MRPL	13887.11	1258.21	650.01	1213.79	53.55	7643.93	4458.39	6820.12	65.37
ONGC	60.00	5.27	6.84	6.70	102.14	34.09	42.86	47.55	90.15
JVs	13590.40	1136.48	1513.02	1671.06	90.54	7850.68	8612.19	10662.68	80.77
BORL	6958.40	588.48	510.95	600.20	85.13	4068.68	2659.77	4063.39	65.46
HMEL	6632.00	548.00	1002.07	1070.86	93.58	3782.00	5952.42	6599.30	90.20
Private	102154.50	8766.05	6652.17	8766.05	75.89	58603.85	53116.24	58603.85	90.64
RIL	82374.12	7029.68	6181.87	7029.68	87.94	46916.11	44025.96	46916.11	93.84
NEL	19780.38	1736.37	470.31	1736.37	27.09	11687.74	9090.28	11687.74	77.78
Total Refinery	254948.76	21933.50	18513.65	22323.55	82.93	145659.56	123714.97	148075.72	83.55
Fractionators	4572.73	389.42	362.89	409.80	88.55	2711.48	2450.09	2781.03	88.10
TOTAL	259521.49	22322.91	18876.54	22733.35	83.03	148371.04	126165.06	150856.75	83.63

Note: 1. Target for the year 2020-21 is provisional, subject to finalization. *: Provisional
 2. Totals may not tally due to rounding off.

Figure 4: Monthly Refinery Production of Petroleum Products



Crude Oil Production during the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis April-October, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit/State	Target production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over Target production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Target production during current year	Actual production during current year *	Actual production during corresponding period of last year			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	1784.43	1707.03	1712.95	1638.71	12283.81	11860.92	11965.08	-0.35	-0.87	-4.34
Onshore	506.10	506.04	511.02	485.53	3467.49	3463.93	3550.10	-0.98	-2.43	-0.01
Andhra Pradesh	18.63	14.26	15.49	7.95	124.44	89.70	120.49	-7.91	-25.55	-23.46
Assam ^	82.45	81.24	84.11	78.47	562.10	559.90	568.98	-3.42	-1.59	-1.47
Gujarat	382.84	381.18	383.05	371.50	2621.17	2622.58	2672.57	-0.49	-1.87	-0.43
Tamil Nadu	22.18	29.36	28.38	27.61	159.78	191.75	188.06	3.47	1.96	32.40
Offshore	1278.33	1200.99	1201.93	1153.18	8816.32	8396.99	8414.98	-0.08	-0.21	-6.05
Eastern Offshore	1.29	0.98	1.85	0.93	9.18	7.45	12.23	-47.17	-39.12	-24.07
Western Offshore	1158.71	1104.39	1091.08	1065.88	7982.13	7713.64	7575.67	1.22	1.82	-4.69
Condensates	118.33	95.62	108.99	86.37	825.02	675.90	827.08	-12.27	-18.28	-19.20
2. OIL (Onshore)	279.92	256.73	272.57	245.44	1841.94	1742.14	1886.83	-5.81	-7.67	-8.28
Assam	276.33	253.71	270.28	242.61	1820.02	1722.77	1869.65	-6.13	-7.86	-8.19
Arunachal Pradesh	2.99	2.13	1.82	2.05	17.82	14.31	13.20	16.72	8.41	-28.77
Rajsthan (heavy oil)	0.59	0.89	0.47	0.78	4.10	5.07	3.98	90.56	27.31	49.36
3. Private / JVC	699.45	603.95	752.94	602.38	4759.52	4337.42	5258.52	-19.79	-17.52	-13.65
Onshore	609.48	514.59	617.57	505.47	4144.12	3622.52	4305.26	-16.68	-15.86	-15.57
Andhra Pradesh	4.02	1.93	2.85	1.44	29.01	20.15	18.88	-32.23	6.76	-51.89
Arunachal Pradesh	2.46	2.53	2.72	2.38	17.02	17.36	19.37	-7.11	-10.39	2.87
Assam	3.02	3.01	2.84	3.10	21.52	19.23	19.95	5.95	-3.58	-0.21
Gujarat	19.59	14.53	11.21	13.51	108.92	85.68	76.71	29.59	11.70	-25.86
Rajasthan	572.78	485.99	590.53	478.67	3915.80	3433.07	4118.34	-17.70	-16.64	-15.15
Tamil Nadu	7.61	6.61	7.42	6.38	51.85	47.02	52.02	-10.90	-9.61	-13.18
Offshore	89.98	89.36	135.37	96.91	615.40	714.90	953.26	-33.99	-25.00	-0.69
Eastern Offshore	58.96	53.24	42.79	61.51	402.26	473.95	298.45	24.44	58.80	-9.69
Gujarat Offshore	31.02	36.12	50.74	35.40	213.14	240.95	382.88	-28.83	-37.07	16.42
Western Offshore	0.00	0.00	41.84	0.00	0.00	0.00	271.93	-	-	-
GRAND TOTAL (1+2+3)	2763.80	2567.70	2738.46	2486.52	18885.27	17940.49	19110.43	-6.24	-6.12	-7.10
Onshore	1395.49	1277.35	1401.16	1236.44	9453.55	8828.60	9742.19	-8.84	-9.38	-8.47
Offshore	1368.31	1290.35	1337.29	1250.09	9431.72	9111.89	9368.24	-3.51	-2.74	-5.70

Note: 1. Totals may not tally due to rounding off figures.

*: Provisional. **:Revised

Natural Gas Production during the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis April-October, 2019

(Figures in Million Cubic Meters)

Name of Undertaking/Unit/State	Target production during the month	Production during the			Cumulative Production (April-October)			% variation over last year		% variation during the month under review over Target production
		Month under review *	Corresponding month of last year	Preceding month of current year **	Target production during current year	Actual production during current year *	Actual production during corresponding period of last year	During the month under review	Upto the end of the period	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1. ONGC	2061.06	1883.75	1954.35	1782.61	14293.51	12863.07	14026.06	-3.61	-8.29	-8.60
Onshore	406.34	418.54	432.49	399.82	2834.10	2801.72	3116.12	-3.23	-10.09	3.00
Andhra Pradesh	77.98	72.52	74.47	69.01	509.82	474.63	524.68	-2.62	-9.54	-7.00
Assam	36.68	32.85	40.99	31.22	250.73	231.96	276.32	-19.86	-16.05	-10.45
Gujarat	87.02	90.79	102.71	89.04	617.01	626.75	744.57	-11.60	-15.82	4.33
Rajasthan	0.59	0.00	0.00	0.00	4.10	0.00	0.00	-	-	-
Tamil Nadu	83.89	85.29	87.99	76.58	594.46	517.64	618.39	-3.07	-16.29	1.67
Tripura	120.17	137.09	126.34	133.97	857.98	950.73	952.16	8.51	-0.15	14.08
Offshore	1654.72	1465.21	1521.85	1382.79	11459.41	10061.35	10909.94	-3.72	-7.78	-11.45
Eastern Offshore	109.99	34.55	85.87	33.86	783.35	261.39	632.36	-59.76	-58.66	-68.59
Western Offshore	1544.72	1430.66	1435.99	1348.93	10676.05	9799.96	10277.58	-0.37	-4.65	-7.38
2. OIL	289.74	222.48	239.23	200.66	1850.13	1464.28	1623.61	-7.00	-9.81	-23.21
Assam	265.95	206.83	214.14	186.38	1685.87	1323.74	1457.37	-3.41	-9.17	-22.23
Arunachal Pradesh	3.41	4.45	3.86	4.75	23.54	29.40	18.34	15.28	60.27	30.41
Rajasthan	20.38	11.20	21.23	9.53	140.71	111.15	147.89	-47.22	-24.84	-45.03
3. Private / JVC	606.20	312.64	447.46	310.25	2871.99	2045.42	2996.49	-30.13	-31.74	-48.43
Onshore	250.62	202.62	172.49	199.03	1400.67	1290.94	1131.56	17.47	14.08	-19.15
Andhra Pradesh	2.45	0.60	1.02	0.41	12.14	6.75	6.72	-40.90	0.43	-75.30
Arunachal Pradesh	0.13	0.42	0.64	0.41	0.88	2.91	4.37	-33.81	-33.55	229.47
Assam	33.36	35.06	29.34	36.04	230.27	211.78	200.14	19.51	5.82	5.10
Gujarat	7.78	6.05	5.91	5.60	52.62	35.56	39.69	2.34	-10.41	-22.30
Rajasthan	194.61	157.51	133.02	153.59	1074.16	1013.21	863.47	18.42	17.34	-19.06
Tamil Nadu	12.30	2.98	2.57	2.99	30.60	20.74	17.17	15.88	20.74	-75.79
CBM	83.29	54.14	53.56	52.41	491.48	367.10	379.93	1.09	-3.38	-35.00
Jharkhand (CBM)	3.30	0.20	0.50	0.17	12.99	0.78	3.04	-58.87	-74.44	-93.82
Madhya Pradesh (CBM)	37.80	28.09	28.94	27.76	240.48	200.77	199.72	-2.96	0.53	-25.70
West Bengal (CBM)	42.19	25.85	24.12	24.47	238.01	165.55	177.16	7.19	-6.55	-38.74
Offshore	272.29	55.88	221.42	58.82	979.84	387.38	1485.00	-74.76	-73.91	-79.48
Eastern Offshore	261.38	44.18	80.49	46.81	911.43	310.29	576.26	-45.11	-46.15	-83.10
Gujarat Offshore	10.91	11.70	10.04	12.01	68.41	77.09	80.55	16.55	-4.29	7.27
Western Offshore	0.00	0.00	130.89	0.00	0.00	0.00	828.19	-	-	-
TOTAL (1+2+3)	2957.00	2418.88	2641.04	2293.52	19015.63	16372.77	18646.15	-8.41	-12.19	-18.20
CBM	83.29	54.14	53.56	52.41	491.48	367.10	379.93	1.09	-3.38	-35.00
Onshore	946.70	843.64	844.21	799.51	6084.90	5556.94	5871.29	-0.07	-5.35	-10.89
Offshore	1927.00	1521.09	1743.27	1441.60	12439.25	10448.73	12394.94	-12.74	-15.70	-21.06

Note: 1. Totals may not tally due to rounding off figures. *: Provisional. **: Revised

Crude Oil Processed during the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis April-October, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Target production during the month	Production during the			Cumulative Production			% variation		% variation during the month under review over Target production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Target production during current year**	Actual production during current year *	Actual production during corresponding period of last year			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Public Sector	12782.65	10763.45	12473.31	9732.67	84186.56	65396.27	83657.71	-13.71	-21.83	-15.80
1. IOC, Guwahati	71.89	84.44	81.41	74.93	505.90	423.18	579.40	3.73	-26.96	17.47
2. IOC, Barauni	589.00	435.15	538.98	375.66	3551.00	2661.26	3737.78	-19.26	-28.80	-26.12
3. IOC, Gujarat	1323.68	1048.93	1256.18	899.18	7946.16	6263.05	6846.24	-16.50	-8.52	-20.76
4. IOC, Haldia	728.86	585.30	373.20	440.15	5031.45	3325.35	4272.57	56.83	-22.17	-19.70
5. IOC, Mathura	868.00	708.83	866.43	614.66	5530.00	4722.68	6074.35	-18.19	-22.25	-18.34
6. IOC, Digboi	61.00	61.01	60.41	45.89	409.00	385.02	379.72	0.98	1.39	0.01
7. IOC, Panipat	1394.99	1237.21	1267.26	1025.37	9469.93	6903.96	8400.07	-2.37	-17.81	-11.31
8. IOC, Bongaigaon	220.76	222.24	216.23	188.81	1524.27	1402.82	1426.94	2.78	-1.69	0.67
9. IOC, Paradip	1307.36	1278.96	1382.58	992.06	7683.96	6474.02	9145.83	-7.50	-29.21	-2.17
Total IOC	6565.53	5662.06	6042.68	4656.72	41651.68	32561.32	40862.90	-6.30	-20.32	-13.76
10. BPCL, Mumbai	1303.00	1051.22	1372.36	909.39	8662.00	6532.42	8362.25	-23.40	-21.88	-19.32
11. BPCL, Kochi	1430.57	1065.73	1307.09	980.37	9226.79	6248.70	9522.74	-18.47	-34.38	-25.50
Total BPCL	2733.57	2116.95	2679.46	1889.75	17888.79	12781.12	17884.98	-20.99	-28.54	-22.56
12. HPCL, Mumbai	87.75	495.90	773.02	670.22	4369.95	4189.51	4622.59	-35.85	-9.37	465.12
13. HPCL, Visakh	831.19	792.95	615.33	728.16	5737.88	5132.48	5250.22	28.87	-2.24	-4.60
Total HPCL	918.94	1288.84	1388.35	1398.38	10107.83	9321.98	9872.82	-7.17	-5.58	40.25
14. CPCL, Manali	930.00	725.26	711.09	769.87	4470.00	4108.58	5899.85	1.99	-30.36	-22.01
15. CPCL, CBR^	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-	-	-
Total CPCL	930.00	725.26	711.09	769.87	4470.00	4108.58	5899.85	1.99	-30.36	-22.01
16. NRL, Numaligarh	229.00	232.23	246.41	198.15	1582.00	1500.61	1640.77	-5.76	-8.54	1.41
17. MRPL, Mangalore	1400.00	731.02	1397.96	812.52	8450.00	5077.96	7445.37	-47.71	-31.80	-47.78
18. ONGC, Tatipaka	5.61	7.10	7.37	7.29	36.27	44.70	51.02	-3.64	-12.38	26.61
B. Joint Venture	1236.00	1599.32	1771.04	1505.07	8535.00	9239.89	11411.12	-9.70	-19.03	29.39
19. BORL, Bina	660.00	561.14	666.67	489.28	4560.00	3072.32	4445.74	-15.83	-30.89	-14.98
20. HMEL, GGSR, Bhatinda	576.00	1038.18	1104.36	1015.78	3975.00	6167.58	6965.39	-5.99	-11.45	80.24
C. Private Sector	7681.81	6026.50	7681.81	6469.12	52585.59	43919.17	52585.59	-21.55	-16.48	-21.55
21. RIL, Jamnagar	2949.38	3022.58	2949.38	2779.22	18378.21	19812.46	18378.21	2.48	7.80	2.48
22. RIL, SEZ	2948.27	2441.13	2948.27	2229.75	22022.47	14628.10	22022.47	-17.20	-33.58	-17.20
Total RIL	5897.66	5463.71	5897.66	5008.97	40400.68	34440.56	40400.67	-7.36	-14.75	-7.36
23. NEL, Vadinar	1784.16	562.79	1784.16	1460.15	12184.92	9478.61	12184.92	-68.46	-22.21	-68.46
TOTAL(A+B+C)	21700.46	18389.27	21926.16	17706.85	145307.16	118555.33	147654.43	-16.13	-19.71	-15.26

Note:1. Totals may not tally due to rounding off figures. *: Provisional. **:Revised

2. Target for the reporting month, as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.

^: CPCL CBR refinery is under shutdown due to limitation in meeting required Product specifications with the existing configuration.

Refinery-wise Capacity Utilisation during the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis April-October, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	October, 2020			October, 2019			Cumulative (April - October)					
	Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity	2020-21			2019-20		
							Prorated Installed Capacity	Actual Crude T'put *	% Utilisation of Installed Capacity	Prorated Installed Capacity	Actual Crude T'put	% Utilisation of Installed Capacity
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
A. Public Sector	12108.00	10763.45	88.90	12033.00	12473.31	103.66	83587.00	65396.27	78.24	83066.00	83657.71	100.71
1. IOC, Guwahati	85.00	84.44	99.35	85.00	81.41	95.78	586.00	423.18	72.22	585.00	579.40	99.04
2. IOC, Barauni	510.00	435.15	85.32	508.00	538.98	106.10	3518.00	2661.26	75.65	3508.00	3737.78	106.55
3. IOC, Gujarat	1164.00	1048.93	90.11	1160.00	1256.18	108.29	8032.00	6263.05	77.98	8010.00	6846.24	85.47
4. IOC, Haldia	679.00	585.30	86.20	635.00	373.20	58.77	4690.00	3325.35	70.90	4385.00	4272.57	97.44
5. IOC, Mathura	679.00	708.83	104.39	678.00	866.43	127.79	4690.00	4722.68	100.70	4678.00	6074.35	129.85
6. IOC, Digboi	55.00	61.01	110.92	55.00	60.41	109.84	381.00	385.02	101.05	380.00	379.72	99.93
7. IOC, Panipat	1274.00	1237.21	97.11	1270.00	1267.26	99.78	8795.00	6903.96	78.50	8770.00	8400.07	95.78
8. IOC, Bongaigaon	200.00	222.24	111.12	199.00	216.23	108.66	1378.00	1402.82	101.80	1374.00	1426.94	103.85
9. IOC, Paradip	1274.00	1278.96	100.39	1270.00	1382.58	0.00	8795.00	6474.02	73.61	8770.00	9145.83	0.00
Total IOC	5920.00	5662.06	95.64	5861.00	6042.68	103.10	40865.00	32561.32	79.68	40461.00	40862.90	100.99
10. BPCL, Mumbai	1019.00	1051.22	103.16	1016.00	1372.36	135.08	7036.00	6532.42	92.84	7016.00	8362.25	119.19
11. BPCL, Kochi	1316.00	1065.73	80.98	1313.00	1307.09	99.55	9088.00	6248.70	68.76	9063.00	9522.74	105.07
Total BPCL	2336.00	2116.95	90.62	2329.00	2679.46	115.05	16123.00	12781.12	79.27	16079.00	17884.98	111.23
12. HPCL, Mumbai	637.00	495.90	77.85	635.00	773.02	121.74	4397.00	4189.51	95.28	4385.00	4622.59	105.42
13. HPCL, Visakh	705.00	792.95	112.47	703.00	615.33	87.53	4866.00	5132.48	105.48	4853.00	5250.22	108.19
Total HPCL	1342.00	1288.84	96.04	1338.00	1388.35	103.76	9264.00	9321.98	100.63	9238.00	9872.82	106.87
14. CPCL, Manali	892.00	725.26	81.31	889.00	711.09	79.99	6156.00	4108.58	66.74	6139.00	5899.85	96.10
15. CPCL, CBR^	85.00	0.00	0.00	85.00	0.00	0.00	586.00	0.00	0.00	585.00	0.00	0.00
Total CPCL	977.00	725.26	74.23	974.00	711.09	73.01	6742.00	4108.58	60.94	6724.00	5899.85	87.74
16. NRL, Numaligarh	255.00	232.23	91.07	254.00	246.41	97.01	1759.00	1500.61	85.31	1754.00	1640.77	93.54
17. MRPL, Mangalore	1274.00	731.02	57.38	1270.00	1397.96	110.08	8795.00	5077.96	57.74	8770.00	7445.37	84.90
18. ONGC, Tatipaka	6.00	7.10	118.30	6.00	7.37	122.77	39.00	44.70	114.62	39.00	51.02	130.81
B. Joint Venture	1622.00	1599.32	98.60	1618.00	1771.04	109.46	11198.00	9239.89	82.51	11168.00	11411.12	102.18
19. BORL, Bina	662.00	561.14	84.76	661.00	666.67	100.86	4573.00	3072.32	67.18	4561.00	4445.74	97.47
20. HMEL, GGSR, Bhatinda	960.00	1038.18	108.14	957.00	1104.36	115.40	6625.00	6167.58	93.10	6607.00	6965.39	105.42
C. Private Sector	7491.00	6026.50	80.45	7470.00	7681.81	102.84	51712.00	43919.17	84.93	51570.00	52585.59	101.97
21. RIL, Jamnagar	2803.00	3022.58	107.83	2795.00	2949.38	105.52	19348.00	19812.46	102.40	19295.00	18378.21	95.25
22. RIL, SEZ	2990.00	2441.13	81.64	2981.00	2948.27	98.90	20638.00	14628.10	70.88	20581.00	22022.47	107.00
Total RIL	5792.00	5463.71	94.33	5777.00	5897.66	102.09	39986.00	34440.56	86.13	39877.00	40400.67	101.31
23. NEL, Vadinar	1699.00	562.79	33.12	1694.00	1784.16	105.32	11726.00	9478.61	80.83	11694.00	12184.92	104.20
TOTAL(A+B+C)	21221.00	18389.27	86.66	21121.00	21926.16	103.81	146497.00	118555.33	80.93	145804.00	147654.43	101.27

Note: Crude throughput in terms of crude oil processed.

*: Provisional.

**: Revised

^: CPCL CBR refinery is under shutdown due to limitation in meeting required Product specifications with the existing configuration.

Production of Petroleum Products during the month of October, 2020 and cumulatively for the period April-October, 2020 vis-à-vis April-October, 2019

(Figures in Thousand Metric Tons)

Name of Undertaking/Unit	Target production during the month	Production during the			Cumulative Production			% variation over last year		% variation during the month under review over Target production
		Month under review *	Corresponding month of last year	Preceding month of current year **	(April-October)			During the month under review	Upto the end of the period	
					Target production during current year**	Actual production during current year*	Actual production during corresponding period of last year			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
A. Public Sector	12030.97	10348.46	11886.45	9095.89	79205.03	61986.54	78809.19	-12.94	-21.35	-13.98
1. IOC, Guwahati	71.13	110.08	100.60	84.09	500.56	484.77	703.61	9.43	-31.10	54.77
2. IOC, Barauni	527.60	428.65	533.35	354.55	3243.35	2571.30	3339.81	-19.63	-23.01	-18.76
3. IOC, Gujarat	1260.37	1017.87	1213.85	860.24	7610.13	6003.61	6403.90	-16.14	-6.25	-19.24
4. IOC, Haldia	670.98	529.78	355.34	412.71	4632.17	3014.96	3958.68	49.09	-23.84	-21.04
5. IOC, Mathura	846.03	730.62	833.23	600.92	5390.02	4636.84	5908.12	-12.31	-21.52	-13.64
6. IOC, Digboi	62.74	61.74	62.33	48.36	414.69	381.45	373.08	-0.95	2.24	-1.59
7. IOC, Panipat	1408.52	1329.57	1255.12	1051.91	9587.83	7072.45	8513.89	5.93	-16.93	-5.61
8. IOC, Bongaigaon	223.60	214.11	200.55	168.22	1271.60	1359.83	1372.26	6.76	-0.91	-4.24
9. IOC, Paradip	1184.11	1153.98	1260.73	877.82	6937.45	5740.02	8257.18	-8.47	-30.48	-2.54
Total IOC	6255.07	5576.39	5815.09	4458.82	39587.80	31265.23	38830.53	-4.10	-19.48	-10.85
10. BPCL, Mumbai	1253.54	1016.45	1335.27	869.68	8361.44	6308.22	8013.59	-23.88	-21.28	-18.91
11. BPCL, Kochi	1329.73	1011.06	1316.17	946.24	8639.08	5969.71	8900.20	-23.18	-32.93	-23.97
Total BPCL	2583.27	2027.50	2651.43	1815.91	17000.52	12277.93	16913.79	-23.53	-27.41	-21.51
12. HPCL, Mumbai	72.27	439.02	734.25	633.53	4000.80	3922.43	4412.39	-40.21	-11.10	507.50
13. HPCL, Visakh	768.01	688.24	591.10	586.09	5301.80	4744.35	4774.73	16.43	-0.64	-10.39
Total HPCL	840.28	1127.25	1325.34	1219.62	9302.60	8666.78	9187.12	-14.95	-5.66	34.15
14. CPCL, Manali	862.88	701.65	635.35	692.81	4075.99	3756.69	5422.28	10.44	-30.72	-18.69
15. CPCL, CBR	0.00	0.00	0.00	0.00	0.00	0.00	0.88	-	-	-
Total CPCL	862.88	701.65	635.35	692.81	4075.99	3756.69	5423.16	10.44	-30.73	-18.69
16. NRL, Numaligarh	226.00	258.82	238.76	184.10	1560.10	1518.65	1586.94	8.40	-4.30	14.52
17. MRPL, Mangalore	1258.21	650.01	1213.79	717.54	7643.93	4458.39	6820.12	-46.45	-34.63	-48.34
18. ONGC, Tatipaka	5.27	6.84	6.70	7.10	34.09	42.86	47.55	2.14	-9.85	29.75
B. Joint Venture	1136.48	1513.02	1671.06	1415.09	7850.68	8612.19	10662.68	-9.46	-19.23	33.13
19. BORL, Bina	588.48	510.95	600.20	438.62	4068.68	2659.77	4063.39	-14.87	-34.54	-13.17
20. HMEL, GGSR, Bhatinda	548.00	1002.07	1070.86	976.47	3782.00	5952.42	6599.30	-6.42	-9.80	82.86
C. Private Sector	8766.05	6652.17	8766.05	7152.75	58603.85	53116.24	58603.85	-24.11	-9.36	-24.11
21. RIL, Jamnagar	3099.33	3071.88	3099.33	2755.23	19514.63	20818.75	19514.63	-0.89	6.68	-0.89
22. RIL, SEZ	3930.34	3109.99	3930.34	3031.90	27401.48	23207.21	27401.48	-20.87	-15.31	-20.87
Total RIL	7029.68	6181.87	7029.68	5787.13	46916.11	44025.96	46916.11	-12.06	-6.16	-12.06
23. NEL, Vadinar	1736.37	470.31	1736.37	1365.62	11687.74	9090.28	11687.74	-72.91	-22.22	-72.91
TOTAL REFINERY (A+B+C)	21933.50	18513.65	22323.55	17663.73	145659.56	123714.97	148075.72	-17.07	-16.45	-15.59
ONGC	275.07	248.95	290.38	253.09	1989.89	1758.49	2020.92	-14.27	-12.99	-9.50
GAIL	111.25	111.08	116.61	81.49	703.99	672.07	743.69	-4.74	-9.63	-0.15
OIL	3.10	2.86	2.81	2.51	17.60	19.53	16.42	1.71	18.96	-7.74
D. Total Fractionators	389.42	362.89	409.80	337.08	2711.48	2450.09	2781.03	-11.45	-11.90	-6.81
Grand Total (A+B+C+D)	22322.91	18876.54	22733.35	18000.82	148371.04	126165.06	150856.75	-16.97	-16.37	-15.44

Note: 1 Totals may not tally due to rounding off figures.

*: Provisional. **: Revised

2. Target for the reporting month, as per input received from Oil Companies and Annual Target are under finalization.

Reasons for shortfall are indicated in the note.