Bulls Schedule Density 2019 - 20 https://github.com/josedv82/NBA-Game-Density-App

									Flight	Flight Flight Practice	Stress	Rolli
Month	Date	Game Starts (cr)	Opponent	Where	Day		Elapsed Time	Flight Route	Duration	Departure Arrival Time	Factor	5d
Oct Oct	10/22/2019 10/23/2019	7:00:00 PM	Charlotte	A	Travel Game	+		Chicago - Charlotte	2h	Travel and practice times suggestions are sent to coaching staff and	1.5 3	TBD
Oct	10/23/2019	7.00.00 FW	Charlotte	A .	Travel	4		Charlotte - Memphis	1.45h	confirmed weekly or as determined.	1.5	TBD
Oct	10/25/2019	8:00:00 PM	Memphis	Α	Game + Travel	◎ + 本	49h	Memphis - Chicago	1.45h		4.5	TBD
Oct	10/26/2019	8:00:00 PM	Toronto	н	Game	÷	24h	Chiana Naw Vanle	2.15h		5 1.5	3.1
Oct	10/27/2019	7:00:00 PM	New York	A	Travel Game	0	47h	Chicago - New York	2.1311		3	3.1
Oct	10/29/2019				Travel	4		New York - Cleveland	1.50h		1.5	3.1
Oct	10/30/2019	7:00:00 PM	Cleveland	Α	Game	8	48h				3	2.8
Oct	10/31/2019 11/1/2019	8:00:00 PM	Detroit	н	Travel Game	4	49h	Cleveland - Chicago	1.25h		1.5 2	2.1
Nov	11/2/2019				Travel	Ŧ		Chicago - Indianapolis	1.50h		1.5	1.9
Nov	11/3/2019	5:00:00 PM	Indiana	Α	Game	8	45h				3	2.2
Nov	11/4/2019	0.00.00.014			Travel	<u>ተ</u>		Indianapolis - Chicago	1.50h		1.5	1.9
Nov	11/5/2019 11/6/2019	8:00:00 PM 7:30:00 PM	Los Angeles Atlanta	H A	Game + Travel	0	51h 23.5h	Chicago - Atlanta			3.5 5	2.3
Nov	11/7/2019				Travel	4		Atlanta - Chicago	1.55h		1.5	2.9
Nov	11/8/2019 11/9/2019	8:00:00 PM	Houston	н	Game	8	71.5h				1 2	2.5
Nov	11/10/2019	0.00.00 1111	nouston		danie	(E)	72.511				1	2.6
Nov	11/11/2019					(3)					1	1.3
Nov	11/12/2019	8:00:00 PM	New York	Н	Game	÷	72h				2	1.4
Nov	11/13/2019 11/14/2019	8:00:00 PM	Milwaukee	А	Travel Game	8	48h	Chicago - Milwaukee	1h		1.5 3	1.5
Nov	11/15/2019				Travel	4		Milwaukee - Chicago	1h		1.5	1.8
Nov	11/16/2019 11/17/2019	6:00:00 PM	Brooklyn	Н	Game	© CO	46h				2	2 1.8
Nov	11/18/2019	8:00:00 PM	Milwaukee	н	Game	0	50h				2	1.9
Nov	11/19/2019 11/20/2019	8:00:00 PM	Detroit	н	Came	8	48h				1 2	1.5
Nov	11/20/2019	6.00.00 PIVI	Detroit	н	Game	GD	480				1	1.6
Nov	11/22/2019	8:00:00 PM	Miami	н	Game + Travel	⊕ + ★	48h	Chicago - Charlotte	2h		3.5	1.9
Nov	11/23/2019 11/24/2019	7:00:00 PM	Charlotte	A	Game Travel	+	23h	Charlotte - Chicago	2h		5 1.5	2.5
Nov	11/25/2019	8:00:00 PM	Portland	н	Game	0	49h	Charlotte - Chicago	211		2	2.6
Nov	11/26/2019 11/27/2019	10:20:00 084	Coldon State	^	Travel	+	E1 Eb	Chicago - Oakland	4.35h		1.5	2.7
Nov	11/27/2019	10:30:00 PM	Golden State	A	Game Travel	*	51.5h	Oakland - Portland	1.40h		3 1.5	2.6 1.9
Nov	11/29/2019	10:00:00 PM	Portland	Α	Game	0	47.5h				3	2.2
Nov	11/30/2019 12/1/2019				Travel	★		Portland - Sacramento	1.30h		1.5	2.1
Dec Dec	12/2/2019	10:00:00 PM	Sacramento	Α	Game	0	72h				3	2
Dec	12/3/2019				Travel	+		Sacramento - Chicago	4h		1.5	2
Dec Dec	12/4/2019 12/5/2019	8:00:00 PM	Memphis	н	Game	GD	46h				2	1.8
Dec	12/6/2019	8:00:00 PM	Golden State	н	Game	0	48h				2	1.9
Dec	12/7/2019				Travel	♦	4.51	Chicago - Miami	3.5h		1.5	1.6
Dec Dec	12/8/2019 12/9/2019	6:00:00 PM 8:00:00 PM	Miami Toronto	A H	Game + Travel Game	8 T T	46h 26h	Miami - Chicago	3.5h		4.5 5	2.2
Dec	12/10/2019				Guine	CC)					1	2.8
Dec	12/11/2019	8:00:00 PM	Atlanta	Н	Game	(B)	48h				2	2.8
Dec Dec	12/12/2019 12/13/2019	8:00:00 PM	Charlotte	н	Game	0	48h				2	2.7
Dec	12/14/2019	8:00:00 PM	LA	н	Game	0	24h				2	1.6
Dec Dec	12/15/2019 12/16/2019	8:00:00 PM	Oklahoma City	Α	Travel Game	★	48h	Chicago - Oklahoma City	2.15h		1.5	1.7
Dec	12/17/2019	0.00.00 1 111	Oktanoma city		Travel	+	4011	Oklahoma City - Washington	3.10h		1.5	2
Dec	12/18/2019	7:00:00 PM	Whasington	Α	Game	0	47h		4.051		3	2.2
Dec Dec	12/19/2019				Travel	₩ ₩		Whasington - Detroit	1.35h		1.5	2.1
Dec	12/21/2019	7:00:00 PM	Detroit	Α	Game	0	72h				3	2
Dec Dec	12/22/2019	7:00:00 PM	Orlanda	^	Travel	*	48h	Detroit - Orlando	2.40h		1.5	2
Dec	12/23/2019 12/24/2019	7:00:00 PM	Orlando	A	Game Travel	4	480	Orlando - Chicago	2.40h		1.5	2
Dec	12/25/2019					Œ		·			1	2
Dec Dec	12/26/2019 12/27/2019					GD GD					1	1.6
Dec	12/28/2019	8:00:00 PM	Atlanta	н	Game	0	121h				2	1.3
Dec	12/29/2019	0,00,00 811	NAIII		Comm	8	406				1	1.2
Dec Dec	12/30/2019 12/31/2019	8:00:00 PM	Milwaukee	Н	Game	CGD	48h				2	1.4
Jan	1/1/2020					(1)					1	1.4
Jan Jan	1/2/2020	8:00:00 PM	Utah	Н	Game	8	72h				2	1.4
Jan Jan	1/3/2020 1/4/2020	8:00:00 PM	Boston	н	Game	8	48h				2	1.4
Jan	1/5/2020				Travel	+		Chicago - Dallas	2.25h		1.5	1.5
Jan Jan	1/6/2020 1/7/2020	8:30:00 PM	Dallas	A	Game Travel	÷	48.5h	Dallas - New Orleans	1.25h		3 1.5	1.9
Jan	1/8/2020	8:00:00 PM	New Orleans	Α	Game	0	47.5h	0.10313			3	2.2
Jan	1/9/2020				Travel	+	401	New Orleans - Chicago	2.20h		1.5	2.1
Jan Jan	1/10/2020 1/11/2020	8:00:00 PM 7:00:00 PM	Indiana Detroit	H A	Game + Travel	⊕ + ★	48h 23h	Chicago - Detroit	1.20h		3.5 5	2.5
Jan	1/12/2020				Travel	4		Detroit - Boston	1.55h		1.5	2.9
Jan Jan	1/13/2020 1/14/2020	7:30:00 PM	Boston	Α	Game	÷	24.5h	Boston - Chicago	2.50h		3 1.5	2.9 2.9
Jan Jan	1/14/2020	8:00:00 PM	Whasington	н	Travel Game	0	24.5h	Soston - Chicago	2.3011		2	2.9
Jan	1/16/2020				Travel	+		Chicago - Philadelphia	2h		1.5	1.9
Jan Jan	1/17/2020 1/18/2020	7:00:00 PM 8:00:00 PM	Philadelphia Cleveland	A H	Game + Travel Game	⊕ + ★	47h 25h	Philadelphia - Chicago	2h		4.5 5	2.5
Jan	1/19/2020	5.50.00 PW	Cicvelanu		Travel	*	2311	Chicago - Milwaukee	1h		1.5	2.9
Jan	1/20/2020	5:00:00 PM	Milwaukee	Α	Game	0	45h	Milesonies Cit	16		3	3.1
Jan Jan	1/21/2020	8:00:00 PM	Minnesota	н	Travel Game	÷	51h	Milwaukee - Chicago	1h		1.5 2	3.1 2.6
Jan	1/23/2020					CO					1	1.8
Jan	1/24/2020	8:00:00 PM	Sacramento	H	Game + Travel	8 + ★	48h 24h	Chicago - Sacramento	4.35h		3.5	2.2
Jan Jan	1/25/2020 1/26/2020	8:00:00 PM	Cleveland	A	Game Travel	*	24n	Sacramento - Chicago	4.35h		5 1.5	2.6 2.6
Jan	1/27/2020	8:00:00 PM	San Antonio	н	Game	0	48h				2	2.6

NOTES

BB with Travel

Legend Off (no game or travel) 1 Travel Day 1.5 Home 2 Away 3 BB without travel 4.5

Training Bias

Greenish	Develolpment Biased						
Amber	Maintenance Biased						
Reddish	Regenerative Biased						

Comments

Time Zone difference and travel time can be included as a load factor.

Elapsed time between games can be included as a recovery factor. (more elapsed time helps remove stress)

Basic overview of in-season schedule demands to help target periods of physical development, maintenance or regeneration.

Individual load (tracking) and physical profiles (strength, fitness, speed, acceleration, etc) should be considered to individualize this approach.

Travel times are hypotetical based on the way I currently work and can be adjusted. This document can be used to educate coaching staff and players on better travel management and practice scheduling aiming to prioritize performance.

Chicago Bulls 2019 - 20 Schedule Stress Factor

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	4/00/					1		61.	4.50		
Jan	1/28/2020				Travel	*		Chicago - Indianapolis	1.50h	1.5	2
Jan	1/29/2020	7:00:00 PM	Indiana	Α	Game	0	47h			3	2
Jan	1/30/2020				Travel	*		Indianapolis - New York	2.10h	1.5	1
Jan	1/31/2020	7:30:00 PM	Brooklyn	Α	Game	8	47.5h			3	2
Feb	2/1/2020				Travel	*		New York - Toronto	1.35h	1.5	2
Feb	2/2/2020	3:00:00 PM	Toronto	Α	Game	0	43.5h			3	2
Feb	2/3/2020				Travel	†		Toronto - Chicago	1.50h	1.5	2
Feb	2/4/2020					CEO				1	
Feb	2/5/2020					(A)				1	
		0.00.00.014				0	4041				1
Feb	2/6/2020	8:00:00 PM	New Orleans	Н	Game		101h			2	1
Feb	2/7/2020					GD				1	1
Feb	2/8/2020				Travel	Ť		Chicago - Philadephia	2h	1.5	1
Feb	2/9/2020	6:00:00 PM	Philadelphia	Α	Game	0	70h			3	1
Feb	2/10/2020				Travel	*		Philadelphia - Whasington	1h	1.5	1
Feb	2/11/2020	7:00:00 PM	Whasington	Α	Game	0	49h			3	
Feb	2/12/2020					*		Whasington - Chicago	1.55h	1.5	2
Feb	2/12/2020				Travel	CO CO		Wilashigton - Chicago	1.3311	1.5	4
						GD					
Feb	2/14/2020					GĐ				1	3
Feb	2/15/2020									1	1
Feb	2/16/2020					C60				1	1
eb	2/17/2020					C6D				1	
eb	2/18/2020					CEO				1	
eb	2/19/2020					CO				1	
eb	2/20/2020	8:00:00 PM	Charlotte	н	Game	0	217h			2	
		5.55.55 F W	Charlotte		Jame	Œ	22/11				
eb	2/21/2020	0.00.00 01	Dhaaala			8	406			1	
eb	2/22/2020	8:00:00 PM	Phoenix	Н	Game	8	48h			2	
eb	2/23/2020	7:00:00 PM	Whasington	н	Game		23h			2	
eb	2/24/2020					CED				1	
eb	2/25/2020	8:00:00 PM	Oklahoma City	H	Game	8	49h			2	
eb	2/26/2020					C60				1	
eb	2/27/2020					CEO				1	
eb	2/28/2020				Tanad	+		Chicago - New York	2.15h	1.5	
		F 00 00 014			Travel	0	0.01	Cilicago - New York	2.1311		
eb	2/29/2020	5:00:00 PM	New York	Α	Game	1.0	93h			3	
lar	3/1/2020				Travel	4		New York - Chicago	2.15h	1.5	
1ar	3/2/2020	8:00:00 PM	Dallas	H	Game	8	51h			2	
1ar	3/3/2020				Travel	4		Chicago - Minneapolis	1.30h	1.5	
1ar	3/4/2020	8:00:00 PM	Minnesota	Α	Game	8	48h			3	
Иar	3/5/2020				Travel	4		Minneapolis - Chicago	1.30h	1.5	1
Иar	3/6/2020	8:00:00 PM	Indiana	н	Game	8	48h	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		2	
Mar	3/7/2020					+		Chicago - New York	2.15h	1.5	
		2.00.00 014	Donald		Travel	0	425	Cilicago - New York	2.1311		1
Mar	3/8/2020	3:00:00 PM	Brooklyn	Α	Game		43h			3	2
Mar	3/9/2020				Travel	+		New York - Chicago	2.15h	1.5	1
Mar	3/10/2020	8:00:00 PM	Cleveland	Н	Game		53h			2	
Mar	3/11/2020				Travel	*		Chicago - Orlando	2.40h	1.5	1
Mar	3/12/2020	7:00:00 PM	Orlando	Α	Game	0	47h			3	2
Mar	3/13/2020				Travel	Ť		Orlando - Miami	1h	1.5	1
/lar	3/14/2020	8:00:00 PM	Miami	Α	Game + Travel	◎ +★	49h	Miami - Chicago	3.20h	4.5	
1ar	3/15/2020	8:00:00 PM	Boston	н	Game	0	24h			5	
lar	3/16/2020				Guine	C8D				1	
						CEO					
ar	3/17/2020									1	
ar	3/18/2020	8:00:00 PM	Miami	Н	Game	0	72h			2	
lar	3/19/2020				Travel	*		Chicago - San Antonio	2.50h	1.5	
ar	3/20/2020	8:30:00 PM	San Antonio	Α	Game + Travel	⊕ + ★	48.5h	San Antonio - Houston	1h	4.5	
ar	3/21/2020	8:00:00 PM	Houston	Α	Game	0	23.5h			5	
ar	3/22/2020				Travel	4		Houston - Chicago	2.45h	1.5	
ar	3/23/2020	8:00:00 PM	Denver	н	Game	ő	48h	· ·		2	
ar	3/24/2020					GD CED				1	
						GĐ				1	
ar	3/25/2020	0.00.00 01	District of the Late			0	726				
ar	3/26/2020	8:00:00 PM	Philadelphia	н	Game		72h			2	
ar	3/27/2020					Œ				1	
ar	3/28/2020	8:00:00 PM	New York	н	Game	0	48h			2	
ar	3/29/2020				Travel	*		Chicago - Salt Lake	3.3oh	1.5	
ar	3/30/2020	9:00:00 PM	Utah	Α	Game	0	49h			3	
ar	3/31/2020				Travel	4		Salt Lake - Denver	1.35h	1.5	
ril	4/1/2020					Œ				1	
ril	4/2/2020					(E)				1	
ril	4/3/2020	9:00:00 PM	Denver	Δ.	Game	0	96h			2	
	., -,	5.00.00 PIVI	Denver	А	Guine		5011		4.551	3	
ril 	4/4/2020				Travel	4		Denver - Phoenix	1.55h	1.5	
ril	4/5/2020	6:00:00 PM	Phoenix	Α	Game	8	45h			3	
ril	4/6/2020				Travel	*		Phoenix - Los Angeles	1.25h	1.5	
ril	4/7/2020	10:30:00 PM	Los Angeles	Α	Game	0	52.5h			3	
ril	4/8/2020	10:30:00 PM	LA	Α	Game	0	24h			4.5	
ril	4/9/2020				Travel	†		Los Angeles - Chicago	4h	1.5	
ril	4/10/2020				Havei	CO		cincago		1.5	
		0.00.00 011	D			8	45.51				
ril	4/11/2020	8:00:00 PM	Brooklyn	н	Game		45.5h			2	
ril	4/12/2020					C(O				1	
**	4/13/2020	8:00:00 PM	Orlando	H	Game	0	48h			2	
rii					Travel	4		Chicago - Boston	2.25h	1.5	
ril ril	4/14/2020				Havei						

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